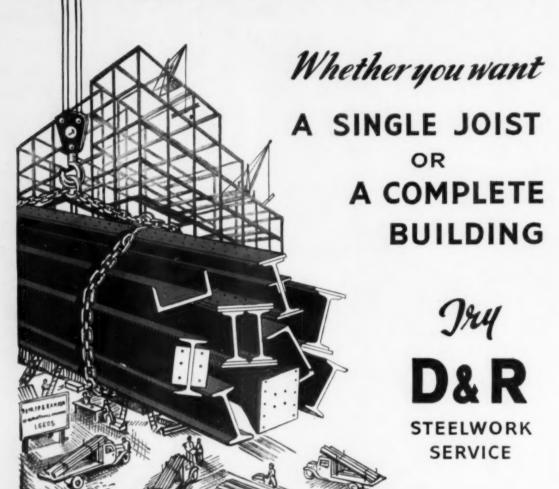
ARCHIRC & BUILDING NEWS

10 FEBRUARY 1955 · VOL. 207 · NO. 6 · ONE SHILLING WEEKLY

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STEELWORK



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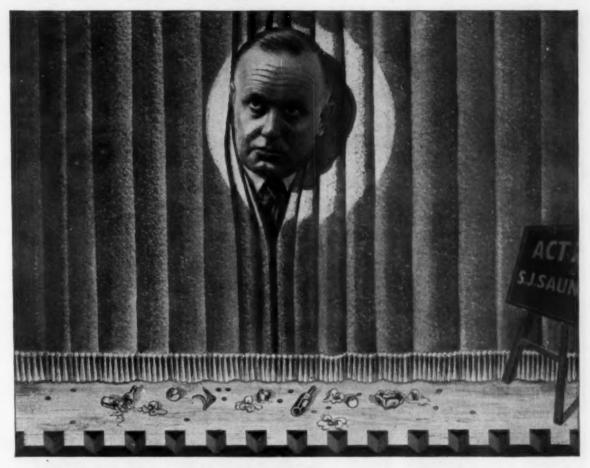
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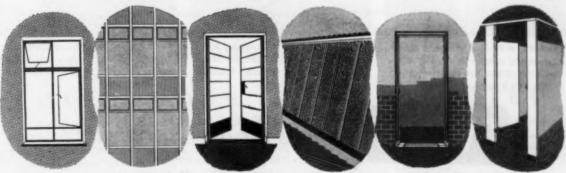
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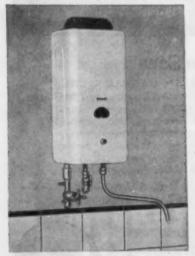
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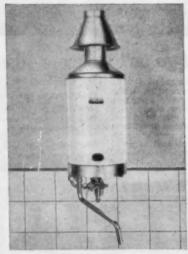
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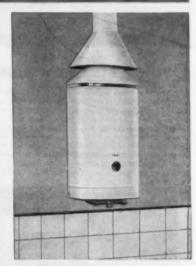
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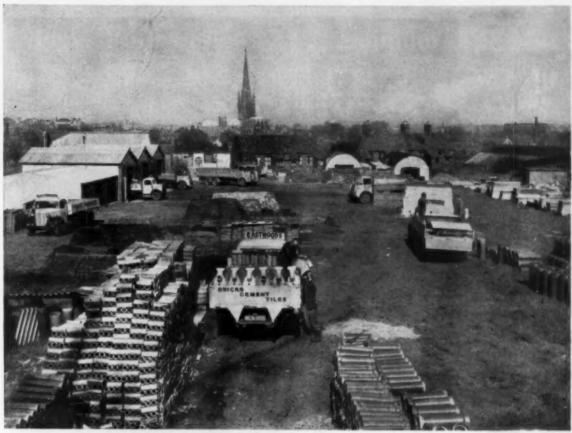
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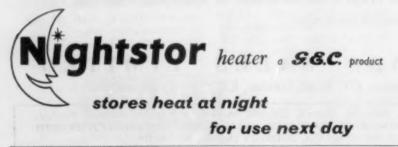
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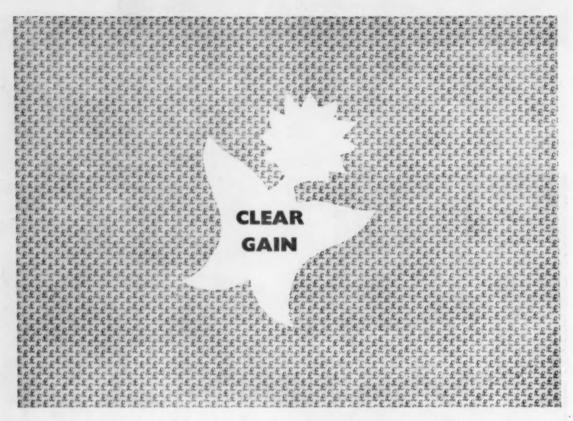
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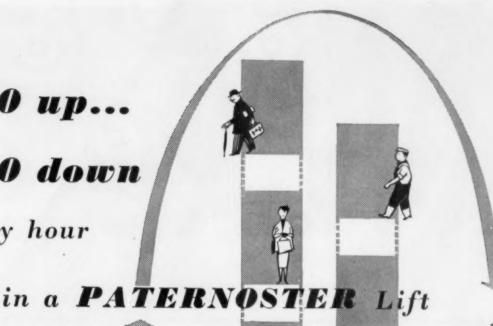
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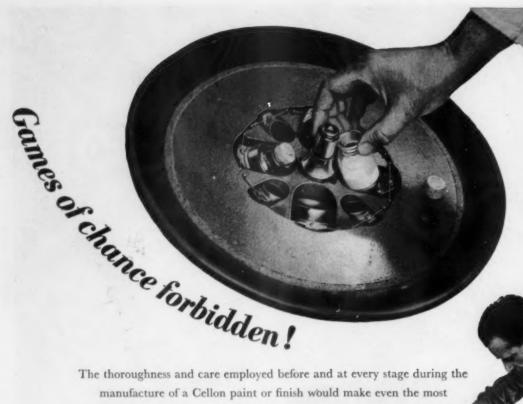


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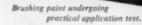
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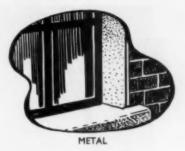




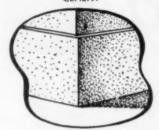


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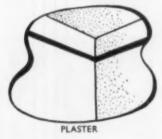


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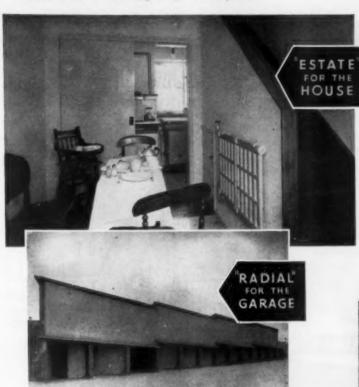
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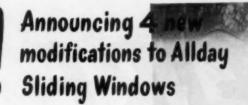
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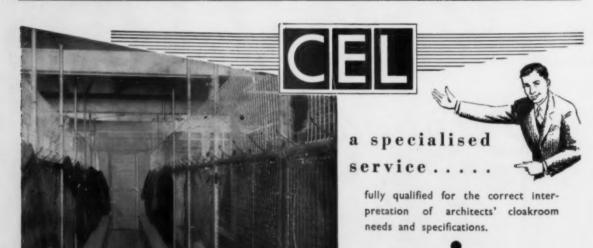
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FAIR PLAY FOR THE CRITIC

NE would think that students had enough to distract them without having first to listen to the speech of the Critic chosen by the R.I.B.A. to address them on their work for prizes and studentships and then immediately afterwards to be told by a past-chairman of the Board of Architectural Education that he had been infuriated by it.

What are students expected to do when those before cry forward! and those behind cry back! leaving a widening gulf between?

If there is one member of the architectural profession whose views could be anticipated it is Mr. Raymond Erith. He has held to his chosen course since he was a boy—in fact he is almost a reincarnation of an earlier architect.

Having been invited to act as Critic for 1955, he could be pardoned for thinking it was a mark of respect for his integrity and that his remarks to students would be of value to them, and not that his criticism would be immediately stigmatized as "imaginary cockshies set up in order to be knocked down."

Why then did the proposer of the vote of thanks endeavour to expunge the effects of Mr. Erith's words and to all intents and purposes suggest to students that what they had come to listen to as words of wisdom, should be disregarded as heresy?

Surely the students never expected to hear from Mr. Erith an exposition of contemporary ideology. They know perfectly well that his work differs from that of Mr. Chitty, and that the whole point of choosing him as Critic was to enable an unfamiliar voice to be heard—that of the "now almost extinct school which believes in the old tradition." If there

is to be objection it should be directed at those who chose the critic. Mr. Chitty's reaction was as violent as that of some high church dignitaries recently when the B.B.C. allowed a scientific humanist to speak on the air. "What can I say," he cried, "I am almost in tears. My task this evening is not to address the students or to criticize the prize drawings, but I think I may be permitted to criticize the criticism.

"The Critic may perhaps think my thanks a little backhanded when he hears that I disagree with almost everything that he has said this evening.

"Many of the orations I have heard in this august chamber have moved me to somnolence if they have moved me at all, but this evening I have been moved to amazement and almost to anger by some of the sweeping generalizations and statements I have heard here."

He ended by saying: "If I were asked to give advice, which I am not, my advice would be to pay no attention to advice. I should certainly have the satisfaction of knowing that my advice would be taken."

We will leave readers to puzzle out whether Mr. Chitty gave advice or not, but Professor Edwards who seconded the vote said that he had enjoyed Mr. Erith's Criticism because it was just, honest, fair, unbiased and helpful.

One may not agree with Mr. Erith on any points at all, but everyone will surely agree that his choice as Critic should have rendered him immune from attack by the proposer of the vote of thanks.

[Excerpts from Mr. Raymond Erith's Criticism appear on pages 192 and 193 and an example of his architectural work is shown overleaf.]



"What immortal hand or eye
Could frame thy fearful symmetry"
The garden front and street front of Great House,
Dedham, Essex, designed by Raymond Erith, F.R.I.B.A.,
and built before the war on the site of a Georgian
house burnt down in 1936.

Photographs: Country Life Ltd.



EVENTS AND COMMENTS

CONCRETE IN ITALY

Last autumn the Cement and Concrete Association organized an excursion for architects and engineers to Northern Italy and Rome. The object of the exercise being to bring the two professions together in the study of concrete techniques being used in Italy to-day. Last week at the A.A. Mr. Bryan Westwood showed and commented upon some of the very good coloured slides which he took on the tour. Mr. Joseph Emberton and Mr. Felix Samuely chimed in from time to time on points of special interest.

Mr. Westwood explained that, looking at some of the slides on his return, he could not think why he had been so enthusiastic about the buildings at the time. He had come to the conclusion that it was a combination of the Italian sun, colour, texture and fine workmanship which gave many of the buildings a sparkle not caught in photographs. I found the buildings disappointing individually but exciting when seen rising from their older surroundings, as was shown in views from the high building in Milan. Interiors seemed to have none of the distinction of the pages of Domus and those of a block of luxury flats were plain vulgar.

Housing as we know it was dull and provided the very barest bones of accommodation. The gap between the money evidently available for housing and, say, office building, was very large.

In spite of the tendency to build high and far apart in Italian cities, very little seems to be done in the way of landscaping. Mr. Westwood, questioned on this point,

said that planting was always most carefully worked out but he supposed that it was delayed by lack of money.

Some pictures of Luigi Nervi's exhibition hall at Turin reminded one of how much we shall be missing now that the great man is ill and cannot give his projected lecture at the Central Hall, Westminster.

I much enjoyed Mr. Westwood's pictures of buildings but I would like to have seen many more of his superb views of the Alps and Dolomites.

G.P.O. TELEPHONE BOXES

Sir Giles Scott's design for the G.P.O. telephone box was, in many ways, a very good one. It is cheap to manufacture, distinctive, easy to see and continues to accommodate the latest telephone equipment adequately. It has, however, several weaknesses. It cannot be erected, as it were, in a terrace but remains a detached building however close its neighbours. Arranged like this it is not satisfactory. It is insufficiently ventilated and frequently smells like an old dog's basket. Its door side is not clearly marked; at least, I can never find the way in first time. Above all, it is now very dated and, let's face it, out of fashion. It fits fairly well in St. James's and Pimlico but not at all on our new housing schemes or in our new towns. We need a complete change or, at the very least, an alternative design.

Coventry has had a brush with the G.P.O. about it. The G.P.O. will not even agree to a change of colour. The council is asking for an interview with the P.M.G. If the request is granted I hope that Earl de la Warr will

realize that his decision will be awaited with great interest by everyone concerned with contemporary design.

I believe I am right in saying that the G.P.O. tried to install the standard type of telephone box at the South Bank Exhibition and only gave up after a struggle. This could be taken as a precedent, and I have no doubt that the G.P.O. feared that it would be. There were some very good boxes and booths at the exhibition. Excellent designs are to be found in Scandinavia, and, if the prize-winning design was ever used, in Eire.

COMMERCIAL T.V. AND ADASTRAL HOUSE

Associated-Rediffusion, Ltd., is, I hear, to take a long lease of Adastral House, the Air Ministry building at the bottom of Kingsway. It is to be used as the company's head office and transmission control centre. It will also house a small theatre, an announcer's room and rehearsal studios in addition to offices and a master control room from which the company's transmissions will enter the I.T.A. system.

Mr. Peter Moro has been appointed architect for the alterations. He will have his work cut out to make anything much from the present Air Ministry rabbit-warren. Mr. Moro has his office in the same building as two other architects, Mr. Walter Greaves and Mr. Trevor Dannatt, who were with him in the Royal Festival Hall team under Robert Matthew and Leslie Martin.

MAXWELL FRY ON THE THIRD

We hear architects talking about themselves far too infrequently. Perhaps the feeling that some jealous fellow -or associate-may run them up before A.R.C.U.K. inhibits them. Maxwell Fry gave the first of two talks on the architect's dilemma on the Third Programme on Saturday. The second talk can be heard to-morrow at 7.55 p.m. Mr. Fry described the development of modern architecture in this country, and was at his most interesting when he described his own architectural development. He dated his interest in truth in structure and in the functional approach from working as an assistant in the American office where Devonshire House was designed. He saw the steel frame go up and he saw it then covered with a classical stone overcoat. He knew it was wrong. He began to write and talk about it and from this, although he did not actually say so, the M.A.R.S. group grew. Maxwell Fry still looks so young that it is difficult to think of him as a pioneer. I find personal architectural experience much more interesting to listen to than architectural theory.

COURSE AT THE B.C.

As part of its contribution to building education the Building Centre is sponsoring a course of lecture discussions on Team Work in the Industry. The full programme of this course appeared in last week's issue. I imagine that the lectures will particularly appeal to students of architecture and building who are not attending whole-time schools.

THE MINISTER AT THE B.C.

The Rt. Hon. Nigel Birch, O.B.E., M.P., Minister of Works, visited the Building Centre last week and stayed for two hours. Mr. Birch visited all sections of the exhibi-

tion and, like his predecessor, Sir David Eccles, showed considerable interest in the work of the Centre.

PROFESSOR PEVSNER, REITH LECTURER

I have often admired and wondered at Professor Pevsner on this page. In the art world nothing is impossible to him. It is doubly to his credit that art is to be the subject of this year's Reith Lectures and that he is to be the lecturer. His talk will be "The Englishness of English Art and Architecture."

TEACHING IN RANGOON

On January 27 I referred to an advertisement which did not in fact appear. I am sorry. The post was filled before the issue appeared and owing to a technical hitch, although the advertisement was snatched from the press, my comment was not. I hope you did not apply.

ENGLISH FURNITURE

If you already know the difference between Sheraton and Hepplewhite, can describe a bonnet-topped cabinet, know a Canterbury when you see one, and can date a girandole, you may not need Barbara Jones' little book, "English Furniture at a Glance," Architectural Press, 8s 6d. It provides exactly what I need, because it does most of its talking in pictures. The text, though informative, is slipshod in its English and gives the impression of having been composed at too great a speed. This is a pity; the drawings are clear if a little scratchy.

RAYMOND ERITH AND THE STUDENTS

I could not attend Mr. Erith's criticism of the R.I.B.A. prizewinners' designs last week. I hear that I missed some fireworks. There certainly was plenty of suitable material for an explosive evening. The prizewinning designs were, I thought, as bad as any I had ever seen. Mr. Erith's own brand of architecture is well known, scholarly and often of great interest. I have never heard his views on modern architecture but imagine that they are pretty strong. I gather that he pitched into the students; he probably would have done so even if their work had been good of its kind. In thanking Mr. Erith for his criticism Mr. Anthony Chitty is reported to have begged to differ in very strong terms; so much so that, although the majority of the room was with Mr. Chitty, the R.I.B.A. is wondering whether the report of the meeting should be released for publication. Faces must have been red, for Mr. Aslin was in the chair. He confined his remarks, I believe, to saying that the audience would know where he stood in the argument.

If the R.I.B.A. is feeling embarrassed by the situation it has only itself to blame, for no one in their senses would have expected Mr. Erith to come down on the side of contemporary architecture.

Some time ago a reader, saying that he knew me quite well, wrote me a very rude letter, the gist of which was "don't be beastly to Erith, he's a genius!" The letter was not only very rude indeed but, I felt, quite unjust. I was under the impression that I was an admirer of Erith's work. I composed a reply but never sent it, mainly because it seemed pointless to be rude back.

ABNER

NEWS OF THE WEEK

R.I.B.A. Prizes and Studentships

On the invitation of the President of the R.I.B.A., Mr. G. Grenfell Baines, A.R.I.B.A., has undertaken to give the criticism of the drawings submitted in competition for the R.I.B.A. Prizes and Studentships, 1955-1956.

Mr. Grenfell Baines' criticism will be delivered at a general meeting of the institute to be held in February, 1956.

R.I.B.A. Symposium

The Symposium on High Flats is being held at the R.I.B.A. on February The Chairman is Dr. Leslie Martin, F.R.I.B.A., architect to the L.C.C. The Minister of Housing and Local Government, Mr. Duncan Sandys, will give the opening address. Speakers and subjects are as follows:-Mr. H. J. Whitfield Lewis, Principal Housing Architect, L.C.C., "The principles of mixed development, the ratio of tall to low buildings, densities and the effect of forms of heating"; Dr. Ronald Bradbury, F.R.I.B.A., City Architect and Director of Housing, Liverpool, "Aspects of American experience and its application to this country"; Mr. Frederick Gibberd, C.B.E., F.R.I.B.A., on "High flats in medium size towns and suburban areas"; Miss Margaret Willis on "Sociological implications; the tenant's viewpoint"; Mr. R. A. Jensen, F.R.I.B.A., Director of Housing and Borough Architect, Paddington, on "High flats and higher densities in Europe and the Metropo-lis"; Mr. A. G. Sheppard Fidler, F.R.I.B.A., City Achitect, Birmingham, on "Architectural problems involved with high flats in urban construction"; Mr. K. Lack, A.R.I.B.A., on "Fire protection in the design of high flats"; Mr. A. W. Cleeve Barr, A.R.I.B.A., Architect (Development), Senior Architect's Department, L.C.C., on "Effect on design of services and building techniques"; Mr. Felix Samuely, M.I.C.E., M.I.Struct.E., and Mr. Peter Duncan, A.M.I.Struct.E., of Ove Arup and Partners, on "Principles of structural design, framing, cladding and foundations"; Mr. J. R. Mitchell, of Wates, Ltd., on "Problems of erection and site organization; use of mechanical equipment; collaboration between architect, engineer and con-tractor"; Dr. J. C. Weston, of B.R.S., on "Economics of multi-storey flat design."

Mr. J. H. Forshaw, C.B., F.R.I.B.A., Chief Architect M.o.H. and L.G., will give a critical summary of the papers and discussions.

It has been announced that The Queen will inaugurate the new terminal buildings at London Airport on December 16. The architect is Mr. Frederick Gibberd.

Notes from the Minutes of the R.I.B.A. Council Meeting held on February 1

Appointments

R.I.B.A. Representatives on the Architects' Registration Council for 1955-1956.

The Royal Institute is entitled to 27 representatives for the year beginning April, 1955, and the following were appointed:—Messrs. Harold Anderappointed:—Messrs. Harold Ander-son; D. H. Beaty-Pownall; Ronald Bradbury; J. T. Castle; L. A. Chackett; T. S. Cordiner; Graham Crump; F. F. C. Curtis; R. E. Enthoven; R. O. Foster; P. G. Freeman; J. Kenneth Hicks; Howard L. Kelly; Cecil Kennard; H. Martin Lidbetter; Howard V. nard; H. Martin Lidoetter; Howard V. Lobb; E. D. Lyons; S. W. Milburn; T. E. North; J. T. W. Peat; Denis Poulton; F. L. Preston; A. I. Roberts; W. A. Rutter; Ernest Seel; R. H. Uren; A. Neville Ward.

R.I.B.A. Representatives on the R.I.B.A. Representatives on the Admission Committee: Messrs. L. A. Chackett; H. Martin Lidbetter; E. D. Lyons; J. T. W. Peat.

Ministry of Works: Advisory Council on Building Research and Develop-

The following were nominated for re-appointment by the Minister of Works for a further two-year period from April 1, 1955:—Sir Lancelot Keay, Professor Robert Matthew, C. G.

Ministry of Works: Building and Civil Engineering Regional Joint Com-

The following were nominated for appointment by the Minister of Works for a two-year period of office beginning February 1, 1955: - Region No. 1, J. H. Napper in place of Lieut. Col. A. K. Tasker. Region No. 2, Noel Py-man re-nominated. Region No. 3, C. F. W. Haseldine re-nominated. Region No. 4, Peter Bicknell re-nominated. Region No. 5, Richard Sheppard re-nominated. Region No. 6, A. B. Waters in place of T. L. J. Chamberlain. Region No. 7, J. Ralph Edwards re-nominated. Region No. 8, John Bishop re-nominated. Region No. 9, S. Lunn Whitehouse in place of A. M. McKewan. Region No. 10, H. M. Fairhurst re-nominated. Region No. 12, G. Gregor Grant in place of H. Edgar Bunce.

Codes of Practice Sub-Committee to Investigate Refuse Disposal for Houses and Flats: R.I.B.A. Representative: Mrs. P. A. U. Adamson.

R.I.B.A. Representatives on B.S.I. Committees.

B/77, Refuse Chutes for Multi-Storey Buildings, and CME/16, Dust Bins and Storage Containers: Mrs. P. A. U. Adamson. CLB/6, Clay Roofing Tiles: J. M. Harris. MEE/85, Drawing Office Equipment and Materials: Richard Henniker. HIB/20, Non-ferrous Rainwater Goods: A H. Ley. SAB/2,

Water Fittings: R. M. V. Messenger. National Council of Women of Great Britain: Housing Sectional Committee: R.I.B.A. Representative: Mrs. Anthony Pott in place of Miss G. W. M. Leverkus

R.I.B.A. Architecture Bronze Medal: The Essex, Cambridge and Hertfordshire Society of Architects: R.I.B.A. Representative to Serve on Jury to Consider Award: Dr. J. Leslie Martin. Direct Election to the Fellowship

By a unanimous resolution, the Council elected Arthur James Carman Paine, F.R.A.I.C., President of the Royal Architectural Institute of Canada, to the Fellowship under the provisions of the Supplemental Charter of 1925, Section IV, Clause 4. R.I.B.A. Award for Distinction in

Town Planning
The R.I.B.A. Award for Distinction in Town Planning was conferred upon A. G. Sheppard Fidler and Frederick Gibberd.

Third National Factory Equipment

Exhibition

The Council authorized the Public Relations Committee to prepare an R.I.B.A. contribution to the Third National Factory Equipment Exhibition, to be held at Earls Court from March 28 to April 2, 1955.

Appointment of Architects as Chief Officers to Local Authorities

The Council gave approval to a memorandum prepared by the Salaried and Official Architects' Committee setting out the considerations in favour of the establishment of architectural departments of local authorities as independent departments under architects as Chief Officers. This memorandum is available to enquirers who may be dealing with the status of architectural departments of local authorities and may be obtained from the Secretary, R.I.B.A.

Liaison between R.I.B.A. and Building Materials Industry

Approval was given to a recommendation of the Science Committee that an Industry Liaison Sub-Committee should be convened to meet senior representatives of a number of key building industries with a view to considering whether permanent liaison machinery might be set up for the exchange of information between the architectural profession and the building materials industry on developments in technique and material resources.

It was also agreed to invite the Royal Institution of Chartered Surveyors and the National Federation of Building Trades Employers to be represented on this Liaison Sub-Committee. Exhibition of Theatre Drawings

On the joint recommendation of the Library and Public Relations Committees, it was agreed to arrange a small exhibition in the Members' Room in connection with the International Conference on Theatre History which is to take place from July 17-23. This exhibition will be complementary those being organized at the British Museum and the Victoria and Albert





A petrol pump canopy to a garage in Winchester which the new owners of the garage are reported to be going to pull down. The architect is Peter Sawyer, M.C., T.D. The concrete work was designed and fabricated by Blockcrete Ltd. of Southampton, and was erected by Hampshire Contractors Ltd. of Winchester. The canopy cost between £450-£500.

L.C.C. 121-feet-high Flats Scheme Opposed

Hackney Wick Agency and Garages, Ltd., have appealed to the Tribunal under the London Building Acts at County Hall against the L.C.C.'s proposal to erect a block of flats above the prescribed height at Bentham Road, Hackney, housing site.

At an inquiry on February 3, Mr. J. Stuart Daniel, for the appellants, said they were in effect an investment trust for the benefit of the Eton Manor Club for East End boys. premises, 60 yards away from the projected L.C.C. block, were a former police station converted into six flats and let rent free to six members and their families.

The proposed block would cut out "about half the sky and a great deal of sun" from the premises

In this place where poor people are living, amenities are scarce, and light and air are most important," said Mr. Daniel. "If this block goes up, instead of having light and air only moderately restricted to the south, the people who live in our premises will virtually be living at the bottom of a cliff.

Giving evidence for the appellants, Sir Patrick Abercrombie said he did not object to the block as a block. "It might be used very suitably facing a large open space, but inserted as it is, I think it is quite out of place. It is an unneighbourly thing to do."

Replying to Mr. F. A. Stockdale (for

the L.C.C.), Sir Patrick agreed that the proposed building did not infringe the "daylight code."

Mr. Edwin Williams, senior architect in charge, L.C.C. Building Regulations Division, said that in order to obtain "a better mutual result" the Council had decided to build a higher block and site it farther away from the appellants' premises rather than build a smaller block nearer to them. The Council had exercised its discretion as it had power to do, in giving consent prescribed height to the being exceeded.

Mr. H. J. Whitfield-Lewis, principal housing architect, L.C.C., gave evidence on behalf of the council that a reduction in the height of the block to 100 feet would mean a loss of 21 dwellings.

In his final submission Mr. Stockdale said "We are doing nothing here which is unneighbourly. It is perfectly true that at certain times of the year these premises are going to get less sunlight than they do now because they enjoy, accidentally, a bare site of 10 acres of derelict land to the south.

One cannot assume that they are entitled to that as a right and it would be most wrong that they should go on enjoying it, bearing in mind the pressing need for houses in London.

The inquiry concluded. tribunal will inspect the site and announce its decision later.

R.I.B.A. Special Final Examination Minimum Age Limit

Candidates who intend to apply for admission to the R.I.B.A. Special Final Examination are reminded that the Council of the Royal Institute has decided that the minimum age limit will be raised from 30 to 35 with effect from January 1, 1958.

A contract worth £90,729 for site clearance, excavation and r.c. founda-tion for the new Coventry Cathedral, has been placed with John Laing & Son, Ltd.

CORRECTION

On page 74 of our issue of January 20, the General Contractors for the Police Section Station, Button Lane, Manchester, illustration No. 3, were Hampson & Kemp, Ltd.

COMING EVENTS

Chadwick Public Lectures

February 14 at 5.30 p.m. Lecture on "Clean Air," by Sir Hugh Beaver, M.Inst.C.E., M.I.Chem. E., at The Lecture Theatre, The Royal Institution of Great Britain, 21, Albemarle Street, W.1.

The Planning Forum

February 14 at 6.30 p.m. J. M. Richards, A.R.I.B.A., on "Re-Planning the City of London," at 28, King Street, Covent Garden, W.C.2.

Royal Institute of British Architects

February 15 at 6 p.m. Symposium on High Flats, at 66, Portland Place, W.1.

The Architectural Association

February 16 at 7.30 p.m. Forum organized by Students' Committee. The subject is, "Towards a Domestic Architecture," at 34, Bedford Square, W.C.1.

February 17 at 6.15 p.m. Informal Illustrated talk by Anthony Maudit on "Turkey and the Levant." At 34, Bedford Square, W.C.1.

Institute of Landscape Architects

February 17 at 6.15 p.m. "Land-scape for Flats," by Sylvia Crowe and A. Hedley Richmond, at the Housing Centre, 13, Suffolk Street, S.W.1.

Society of Chemical Industry
February 17 at 6 p.m. "A Study on the Significance of the Bitumen Ductility Test," by Dr. R. N. J. Saal, Koninklijke / Shell - Laboratorium, Amsterdam, Holland. At the Institution of Structural Engineers, 11, Upper Belgrave Street, S.W.1.

ANNOUNCEMENT

Mr. Leslie W. Clark, F.I.A.S., quantity surveyor, announces that he has vacated his offices at 120, Victoria Street, S.W.1., for larger accommodation at 108. Victoria Street, S.W.1 (Tel. Victoria 6463-4).

CHANGE OF ADDRESS

Messrs. Dugdale & Whitaker, AA.R.I.B.A., have moved to 16, Dartmouth Street, S.W.1. Telephone: Trafalgar 1741.

RETIREMENT

Mr. Leonard Yates, F.R.I.B.A., Schools Architect, Stockport, is to re-tire at the end of March.

CORRESPONDENCE

Casting Concrete in Frosty Weather

To the Editor of A. & B. N. Sir,—We have read with much interest the above article in your issue of January 27, although we are somewhat astonished at the opening remarks.

Admittedly, concreting in cold weather was a problem some 30 years ago, but with the introduction of aluminous cement (Ciment Fondu) the problem no longer existed.

Although we would be the first to agree that the method described would be most effective where thin sections are concerned, it is a fact that Ciment Fondu concrete itself, with minimum dimensions of 4-6in, generates sufficient heat in setting to ward off any degree of frost likely to be met with in this country, and requiring only some protective covering for 3-4 hours after placing.

As a matter of interest, Ciment Fondu is regularly used in the Falkland Islands for foundation work, owing to the low-temperature conditions encountered, and we have on record a case in Canada where Ciment Fondu concrete was laid in a temperature as low as -40 deg F, although under such severe conditions applied heat was necessary during the first six hours.

I am, etc.,
H. R. CRUMP,
Asst. Sales Manager, Lafarge
Aluminous Cement Co., Ltd.

The A.A. School of Architecture

Entrance examinations for admission to the First Year will be held on March 28, 1955 (followed by an interview on March 29, 30 or 31), and, subject to special conditions, on July 25, 1955 (followed by an interview on July 26 or 27).

Closing dates for applications March 1, or July 1 for the second examination. All candidates, including those applying for Entrance Scholarships, must take the Entrance Examina-

Selection Board for admission to Years other than the First will be on May 2, 1955, followed by interviews on May 3.

Closing date for applications, April 1. All candidates must appear before the Selection Board.

The following Entrance Scholarships are offered annually by the Council of the Architectural Association: Leverhulme Scholarship: Provides full fees, maintenance allowance of £240 per annum, materials allowance of £20 per annum, and travel allowances of £50 and £80 in the 4th and 5th Years. Allied Ironfounders Scholarship: Value £75 per annum. Metal Window Scholarship: Value £75 per annum. Patent Glazing Scholarship: Value £50 per annum. In addition three other Scholarships are offered, each value £75 per annum. These Scholarships, which are offered annually to applicants of British nationality, are tenable in the first instance for the First Year, and

may be renewed from year to year for the remainder of the course, subject to the holder's continued progress and need for such assistance.

Senior Entrance Scholarship: Metal Window Senior Scholarship: Value £50 per annum. This Scholarship, which is tenable for two years, is open to students of British nationality who have passed the Intermediate Examination of the R.I.B.A., either externally or at another Recognised School of Architecture, and is for entry to the Fourth Year of the course and subject to satisfactory progress by the student will be renewed for the Fifth Year.

Particulars and application forms are obtainable from: The Principal, Architectural Association School of Architecture, 34-36, Bedford Square, London, W.C.1.

R.I.B.A. Maintenance Scholarships:

R.I.B.A. Maintenance Scholarships: Full particulars from the Secretary to the Board of Architectural Education, 66, Portland Place, London, W.1. A.R.C.U.K. Maintenance Scholarships: Full particulars from A.R.C.U.K., 68, Portland Place, London, W.1. Local Education Authority Awards: Full particulars from the Chief Education Officer of the Education Authority in which the applicant lives.

War Damage Payments

The War Damage Commission paid out £32 million during 1954 compared with £38 million in 1953 and £57 million in 1952. The average weekly rate of payments in the last quarter of 1954 was £576,000.

The Commission paid 38,000 "cost



The Saiwan Bay Memorial is sited on a spur 1,000 feet above sea level, and is in the form of a shelter 80 feet long and 16 feet wide, at the entrance to Saiwan Bay War Cemetery. It was designed for the Imperial Graves War Commission by Colin St. Clair Oakes, M.B.E., T.D., R.S., F.R.I.B.A., and commemorates Commonwealth land forces who died in the war in the defence of Hong Kong or in captivity, and who have no known graves. It is to be formally unveiled by the Governor of Hong Kong, on February 20, 1955.



Perspective of proposed house at Bidston. Architect: J. Roy Parker, B. Arch., A.R.I.B.A, A.M.T.P.I.

BUNGALOW OBJECTED TO

of works" claims for repairs during the year, and made 10,000 payments on account or as instalments. The amount involved was £27 million of which about £9 million was for the repair and rebuilding of houses.

Other principal items were: commercial buildings, £5½ million; factories, £4½ million; churches, £3 million; shops, £2¼ million.

The average individual payment during 1954 was £700 compared with £500 in 1953 and £410 in 1952.

Value payments amounted to £5 million, of which £1 million related to

houses.
Greater London's share of the total was £19 million.

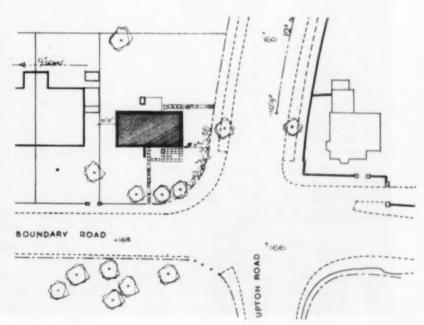
Total war damage payments by the Commission now amount to £1,147 million in 4,650,000 separate payments. Contributions by property owners during and after the war amounted to nearly £200 million.

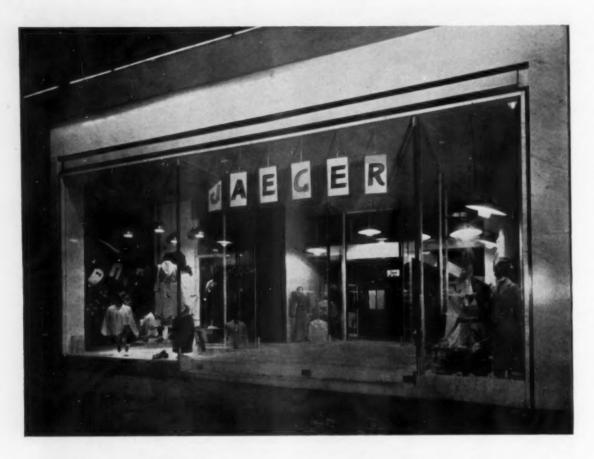
The following amounts were paid by the Commission up to the end of 1954 in the cases of certain non-commercial buildings: St. Paul's Cathedral, £98,000; St. George's Cathedral, Southwark, £86,000; The Guildhall, City of 000; The £211,000; The £000: Inner Temple, London, Church, £101,000; Inner Temple, £412,000; Middle Temple, £104,000; Gray's Inn, £447,000; St. James's Church, Piccadilly, £112,000; Little Cloisters, Westminster, £97,000; University College, London, £426,000; Regents Park Terrace, £131,000; The Old Bailey, £181,000; St. Alfege Church, Greenwich, £98,000; The Cathedral, Manchester, £89,000; Llandaff Cathedral, Cardiff, £85,000; Can-Cathedral, £40,000; terbury George's Church, Queen's Park, Glasgow, £65,000; Ross Memorial Church, Dalmuir, £43,000; Newtownards Road Methodist Church, Belfast, £57,000.

This bungalow illustrated, was designed for an art master by Roy Parker, B.Arch., A.R.I.B.A., A.M.T.P.I., of Messrs. Nelson & Parker, Liverpool. Objection was raised by Birkenhead Corporation on the grounds that it would be out of place in the district in which it is proposed to erect it. At an inquiry held by the Ministry of Housing and Local Government, local residents supported the Corporation. The result of the inquiry is not yet made known.

The Liverpool Daily Post has published a number of letters for and against the design of the bungalow, one of which, from Mr. J. V. H. Eames of the Dept. of Classical Archaeology, University of Liverpool, we quote:

"It would be a pity...if the very real amenities of Bidston Hill were made a reason for depressing the architectural standards of its locality. The hill is crowned by two excellent buildings—the windinglend the observatory. Neither of these, however, is exactly orthodox in appearance, nor do their shapes allow them to conform with the general architectural character of the neighbourhood. Should they be demolished as incongruous? Mr. Parker's house is of a quality regrettably rare in domestic architecture and could only be an asset in a suburban environment."





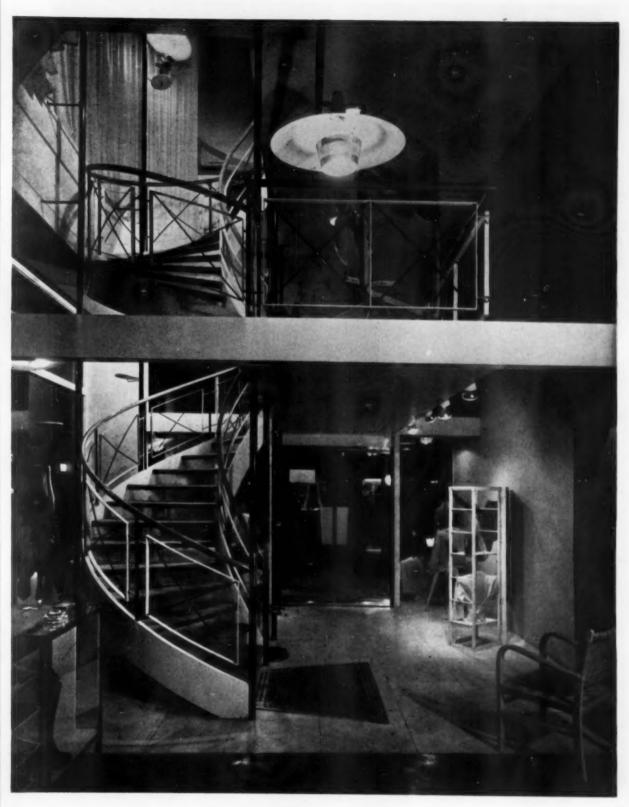
SHOP, BUCHANAN STREET, GLASGOW

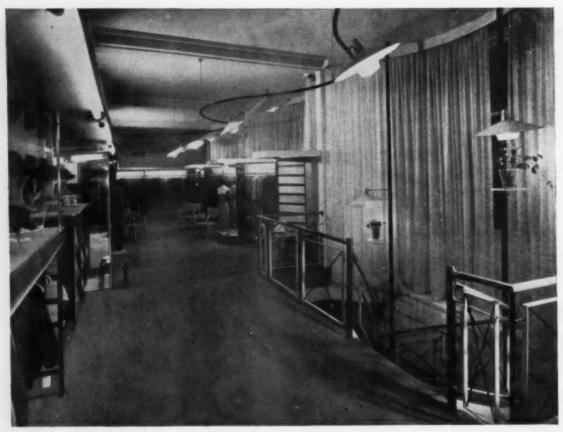
architect: DENNIS LENNON M.C., A.R.I.B.A.

THE Jaeger Company originally occupied two floors of their building in Buchanan Street, Glasgow, the basement and ground floor. The former was arranged as a department for men's wear and the ground floor was a ladies' fashion department. The shop front was arranged in the orthodox manner, with wall and island display cases with a ceiling soffit height of about 8ft 6in, leaving dead space above of about 5ft to the true ceiling soffit.

On reorganization, it was decided to include the first floor, previously occupied as offices, and to treat the whole three floors as the selling unit. The ground floor is designed with a display forecourt of the maximum possible height and area, leading to a small entry hall which has staircase access to the basement and the first floor. Through the entry the remainder of the ground floor is designed as a men's wear department. The first floor is now used as the ladies' fashion department and the basement for storage and staff use. With this arrangement the existing staircase to the basement has been retained and a new staircase formed within the entry to serve the first floor, since the staircase serving the remaining building is obviously unsuitable.

Treatment of the front display and entrance forecourt had to be such as to allow for entry to the remaining office accommodation and provision for two separate display windows; one for men's wear and the other for ladies' fashions, each to have its own distinctive character. This is achieved by shape of the window, the type and finish of the display bases and the light fittings. The men's wear display window is square in area, the display bases being circular and finished in various cellulosed colours, with plain spun brass onion-shaped light fittings. The ladies' fashion window is long and narrow and





The first floor saloon

jaeger Shop, Glasgow

quite free standing, the display bases being rectangular and covered in dark green velvet, with shallow, cone-shaped light fittings with small wicker cups. The white marble floor paves completely the front entry, giving a clear, unobstructed forecourt. The glass rises out of the marble without the use of stallboards, and the display tables, which are brightly lit from beneath, give the impression of floating over the marble. Angles of the glass are protected by free standing 2in diameter black columns with brass toe and cap, holding the glass in position with distance pieces. The façade has simply a white marble surround with a black inset.

The forecourt gives on to a similarly paved hall which contains the new staircase, semi-circular in plan, rising in two flights with an intermediate landing suspended over the hall. The staircase is constructed with white cellulosed formed plywood strings, and hardwood treads carpeted in mustard with pierced aluminium risers. The balustrade is formed of black cellulosed mild steel and lacquered brass, the whole staircase being

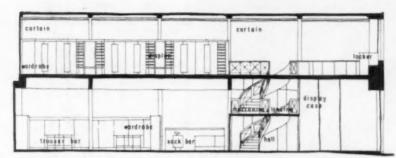
supported on 2in diameter mild steel black columns.

The ladies' fashion department on the first floor is sealed off from the general staircase, save for a fire-exit, and existing partitions have been removed. The five curved window-bays give the department its individual character. The floor of one of the bays has been taken up to form the well for the free standing staircase, the landing area being used as a selling bay for accessories and hats; three form the fashion department and the remaining bay the knitwear section. The whole of the department is carpeted in mustard except for the knitwear section which has a designed floor layout in black and white linoleum. The walls above the various fittings are papered in different colours using a reprint of a French 18th century wallpaper of pheasant design.

All wardrobes, lockers and other fittings in both the men's wear and ladies' fashion departments are fittings designed as a standard range for the Jaeger Company by Dennis Lennon.

The general contractors were Cookes (Finsbury) Ltd.

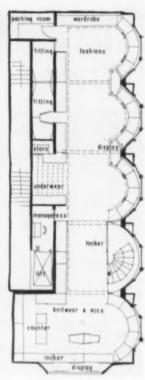
FIRST FLOOR PLAN TO

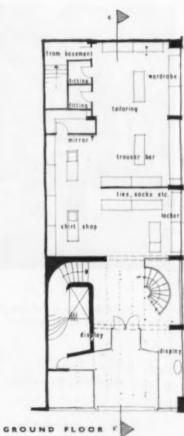


SECTION A-A. SCALE IIN-16FT

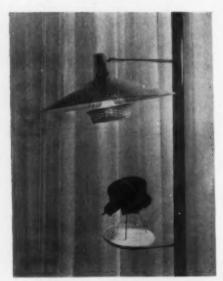
Staircase leading to first floor; knitwear section in the background





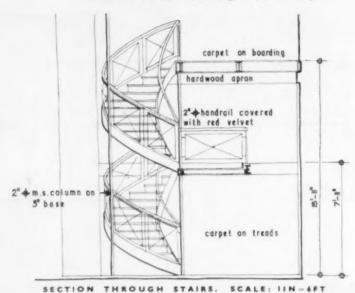


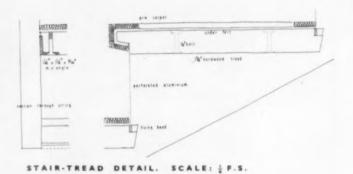
Jaeger Shop, Glasgow

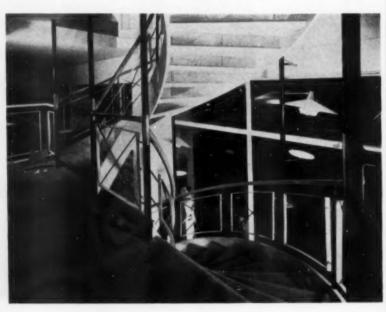




- Hat display stand and light fitting designed by the architect
- 2. Mirrors and stand designed by the architect
- 3. Landing at mezzanine level







2

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TESTING

A NEW

PRECAST

CONCRETE

STRUCTURE



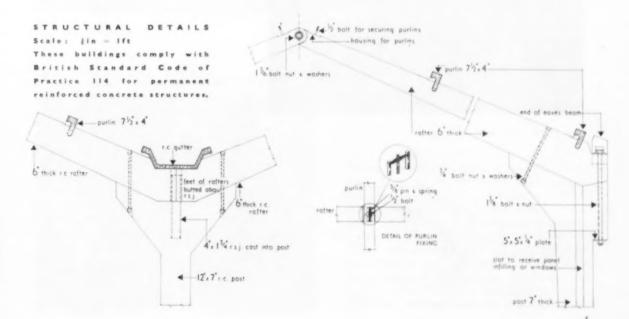
A complete reinforced concrete framework erected in three days at Shepperton for Winston Electronics Ltd.

THIS precast concrete framework, known as the Cranley Concrete Building, may be obtained giving clear spans from 20ft up to 45ft. Bay spacing, using precast concrete purlins with patent connectors, may be 15ft or 12ft 6in. The height to the eaves is variable as required, with a maximum of 16ft.

Produced by F. & D. M. Hewitt, Ltd., of Knowle House, Cranleigh, Surrey, who have their own specialist erectors who will also prepare the bases, erect and sheet in the buildings anywhere. The framework is intended to be clad in corrugated asbestos sheeting, with eaves, gutters and down pipes of asbestos cement. Infilling panels may be in more durable materials such as bricks and concrete blocks; the Cranley Concrete Cavity Block (Patent) has been produced to provide good insulation and appearance with speed of erection.

Precast concrete surrounds for windows are manufactured to suit standard metal casements.

The complete structure illustrated has been erected for Winston Electronics, Ltd., at Shepperton. Mr. J. Profumo, M.P., laid the foundation stone last month. This building will have a roof insulated with fibreboard, brick clad gable



Testing a New Precast Concrete Structure

ends and side walls of the patent Cranley concrete block.

During the development of this precast concrete frame tests were carried out by Andrews Kent & Stone, Consulting Engineers. The test was carried out on a 34ft overall 16ft to eaves frame of standard design erected on normal foundations. The loading was effected by placing weighed bags of sand on concrete platforms slung from the purlin points. The design was based on a total dead load of 500 lb/purlin point and a live load of 1,000 lb/purlin point and the assumption that the feet of the posts were pinned. This live load is equivalent to 15 lb per sq ft if the frames were spaced at 15ft centres.

Test Procedure and Results

1st Loading. Loading was arranged in stages. At equivalent dead load the deflections were: 0.33in at ridge and 0.17in at eaves. At equivalent dead load plus design live load the deflections were: 1.08in at ridge and 0.37in at eaves. At equivalent dead load plus 146 per cent design live load the deflections were: 1.42in at ridge and 0.47in at eaves.

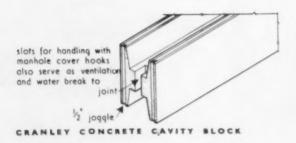
This load was maintained for 22 hours, at the end of which time the deflections were: 1.64in at ridge and 0.53in at eaves, indicating creep of approximately 15.5 per cent at the ridge and 12.8 per cent at the eaves. The load was then reduced to the equivalent dead load condition, when the deflections were: 0.93in at ridge and 0.27in at eaves, indicating a recovery of approximately 55 per cent at the ridge and 74 per cent at the eaves.

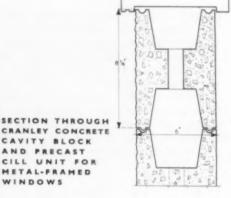
2nd Loading. The zero condition in this test was taken as load stage 9 in the previous test. The load at failure was 3,757 lb/purlin point, which represented the design dead load plus 327 per cent design live load, giving load factors of 2.5 on total load and 3.27 on design live load only.

The deflections relative to the unloaded condition were:



Test frame under load





The Cranley concrete block has been designed for erection between the posts of a Cranley structure without cutting. The Cranley bay spacings are 15ft and 12ft, the blocks are 9in high by 6in thick and either 3ft 7in or 2ft I I in long. Half lengths are made to permit laying with a broken joint and cutting, if necessary, is facilitated by a pair of specially designed steel clamps. Made in a steel mould the concrete is compacted by vibration and the outside face stippled by brush. The blocks have withstood a test load of 1,100 lb/sq in and are suitable for load-bearing use in domestic buildings. They are joined with a neat cement grout, not mortar, which gives a pencil joint. Designed as a two-man lift the blocks are the equivalent of 15 bricks.

3.39in at ridge and 0.87in at eaves just before failure.

The report concluded: -

"Failure was due to the shearing of the end of one rafter at the ridge pin, which caused crushing of the end of the other rafter.

"Apart from some slight spalling at the joint between the rafters and posts no crushing of the concrete, other than at the pin, was observed, the knee joint and ridge pin acting most satisfactorily.

"As expected, the test showed that restraint was obtained at the feet of the columns which did not accord with the design assumptions, but that the amount of restraint which could be assumed in future designs would be difficult to assess.

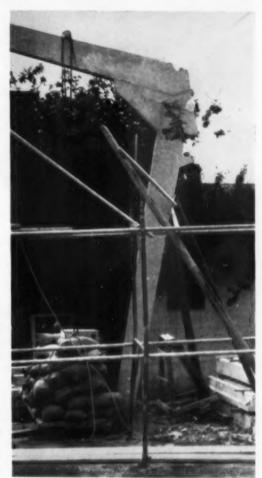
"As the frame exhibited no tendency to lateral instability, it may be safely assumed that a series of such frames, tied together with purlins, would form a stable structure even under some degree of overloading."



The ridge pin after failure

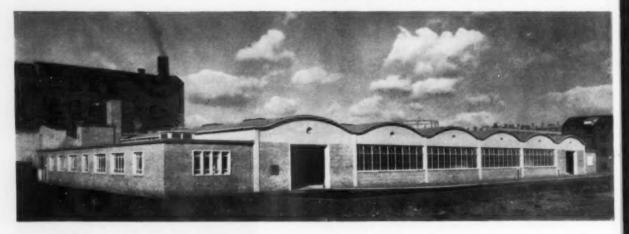






The right-hand post at the end of the test

The specimen frame was tested in July 1953. Tests were carried out by the Cement and Concrete Association under the direction of Messrs. Andrews, Kent & Stone, consulting engineers. The posts and rafters are of ordinary reinforced concrete construction and are vibrated in adjustable moulds. Normal round reinforcement is used and all components are handled by a one ton mobile crane. Prices for the complete structure, basis, framework and sheeting, vary between six and eight shillings a square foot according to the span and area covered.



AMBULANCE STATION

For the County Borough of Leeds

architects: R. A. H. LIVETT, O.B.E., A.R.I.B.A., City Architect

E. L. Myers, A.R.I.B.A., chief assistant

THE ambulance station is sited near the centre of the City of Leeds, housing over fifty ambulance cars and other ambulance service vehicles. It is the central control point for the ambulance service in Leeds and district. The contract price was £55,000. The general contractors were Pickard & Co. Ltd., of Leeds.

Plan

The plan consists of an ambulance hall 190ft × 116ft in which are parked the vehicles, an entrance door and exit door respectively being placed at either ends of the east wall to provide one way vehicular circulation.

Grouped off the northern end of the ambulance hall is the administration annexe consisting of wireless control room, offices and stores, etc., while at the southern end of the hall is placed the maintenance annexe consisting of workshop stores, pits, washing bays, petrol and oil stores distribution, and boiler room, etc.

Grouped off part of the western side of the hall is the staff annexe consisting of common rooms, canteen, kitchen and lavatories and cloaks accommodation.

A clear height of 12ft is provided to the ambulance hall while the height of the rooms of the administration, maintenance and staff annexes is 10ft 8in.

The area of the whole building including all annexes is approximately 29,113 sq ft.

Construction

The structure which is erected over an area of basements to houses demolished under a slum clearance programme consists of an in situ reinforced concrete framework and foundations. Over the ambulance hall is a reinforced concrete barrel vault shell roof of the Chisarc and Shell "D" system which enables the number of columns to be reduced and provides an un-

interrupted passage for the ambulance vehicles through the ambulance hall. Reinforced concrete flat roofs are placed over the administration, maintenance and staff annexes. All surfaces of the concrete are left smooth to receive paint or other finish direct.

Walls between the reinforced concrete framework consist of brickwork and glazing. Windows generally are of metal window frames set in precast stone surrounds.

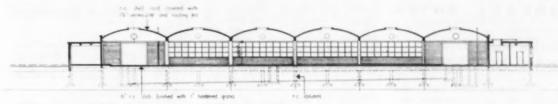
Walls of the ambulance hall and maintenance annexe are finished in fair faced brickwork, and together with the reinforced concrete columns and the underside of the barrel vault roof are painted with a semi-gloss plastic paint.

Floors:—Ambulance hall and maintenance annexe are of granolithic finish treated with hardening admixture; Administration and staff annexes are finished with thermoplastic tiles and skirting, except the kitchen which is finished with quarry tiles. The upper surface of the barrel vault roof and the flat roofs are finished with a vermiculite screed and mineral surfaced roofing felt.

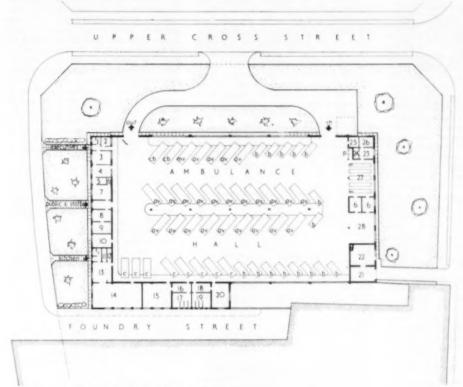
Services

Space heating is by accelerated hot water central heating systems, with separate circuits to the ambulance hall and administration annexes, etc., the ambulance hall is by pipe coils at high level, and the annexes by pipes and radiators. Hot water is provided by instantaneous heaters placed near the lavatory blocks and kitchen respectively and other lavatory basins.

In addition to the usual electrical installation for normal mains voltage lighting, etc., a low voltage installation is employed for power tools in the maintenance annexe and through overhead lines placed over two centrally parked rows of vehicles for any minor work which may be required in connection with the parked vehicles.



CROSS SECTION. SCALE: In = 40ft



PLAN. SCALE: lin - 64ft



- 1. Toilets
- 2. Assistant Supervisor
- 3. Supervisor
- 4. Control Room
- 5. Telephone
- 6. Store
- 7. General Office
- 8. Clerks
- 9. Stores and Records
- 10. General Stores
- 11, Larder
- 12. Dry Store
- 13. Kitchen
- 14. Canteen
- 15. Male Common Room
- 16. Male Cloaks
- 17. Male Toilets
- 18. Female Cloaks
- 19. Female Toilers
- 20. Nurses Common Room
- 21. Fuel Store
- 22. Boiler Room
- 23. Workshop
- 24. Switch Room
- 25. Oil Store
- 26. Battery Room 27. Maintenance Pits
- 28. Washing Bays
- CB Childrens' Bus
 - MV Mortuary Van
 - AV Ambulance Vehicle
 - B Brake
 - C Car
 - P Petrol, oil and air



LIBRARY NOTES

The Victorian Home

By Ralph Dutton. Batsford. Price 30s.

FLAT in Cheltenham has recently been vacated by the death of a lady aged 103; one assumes the year of her birth to have been that of the Great Exhibition. The house's exterior, being a unit in a stuccoed terrace, is impeccably "Regency" and of the Georgian tradition which lingered, in many provincial roads and villas, as late as the Crimean War. The old lady's quarters have now been redecorated in light hues more congenial to our own and "Regency" taste. But if one may judge from the style prevalent in the decoration and furnishing elsewhere in the house-Great Exhibitionist with plenty of Landseer thrown in-this Cheltenham house, like many others whose architecture was in a more seemly taste, was inspissate with the bric-à-brac and more ponderous accumulations appropriate to its occu-pant. For the Victorian home, and this is a point which Mr. Dutton does not stress enough in a generally helpful survey, was not only a matter of new building under the ægis of Messrs. Teulon, Waterhouse, etc. Burges, Starting with a comparatively tasteful hangover from the Greek Revival, the Victorian age proceeded, with gathering wealth and an all-powerful pride of possession, to cram existing and new residences alike with countless tons of furniture reflecting an astonishing amalgam, not all bad, of esthetic taste. Only towards the end, and then among a small minority, did æsthetic confusion give way to the craftsmanship and more sensitive approach of Morris and the Pre-Raphaelites, Norman Shaw, and the dawnings of Art Nouveau. Edwardian home was not, however, in most cases a notable artistic improvement on those whose congestion had been perilously navigated in crinolines and bustles.

These points, among many others, are well covered by Mr. Dutton, along with less relevant material on such topics as churches, bicyling, picnics, and the Eglinton Tournament of 1839. He has much, perhaps too much in relation to the size of the book, to say on the economic and social circumstances of the home-making, whether upper, middle or lower class, of the Victorian age. In many respects, industrial production for instance or literature, the 19th century in this country was one of great achievement. But Mr. Dutton makes it clear how appallingly blind and confused were the Victorians, with their weird blend of religious Puritanism and ornamental profusion, in matters of æsthetic taste. The illustrations are a helpfully copious adjunct to the text, but it is unfortunate that the Victorians were not generous in their pictorial record of their own interiors. Nowhere was this more true than in the homes of the "lower orders." One can still, however, repair this deficiency by a visit to many cottage homes still inhabited by the more patriarchal members of their respective villages.

BRYAN LITTLE.

Studies in Architectural History

Edited by William A. Singleton. St. Anthony's Press, London and York. (1954.) 15s.

THIS book collects together some results of the work of the York Summer School of Architectural Study. The school was founded in 1949 and it marks progress to find such a book coming off the presses; progress related worthily to the foundation of the York Institute of Architectural Study in 1953 to embrace even wider activities than those of the Summer School.

There is all too little study of the minor phases and local incidents of what should be defined as "Architectural History," aligned and allied to "Art History." This book is something of both. The eight essays are by lecturers at the school or by its students, contributed specially. None of the names is unknown and the best known among them are near the top of historical research. There is, of course, a bias towards the architectural history of York and the North of England, as Professor Wittkower's essay on "Burlington and His Work in York," and Dr. Gee's detailed study of St. Anthony's Hall, York. But there are Anthony's rian, York. But there are fields of wider interest included; to mention only two, that of Dr. Howarth, who reviews the "Arts and Crafts Revival," and Miss Dorothy Stroud's Eighteenth Century Landscape Gardening.'

The Director of the Institute, who is also the Editor of the book, Dr. William Singleton, writes an introduction in which he says: "There is a tendency in this hurried age to neglect the study of architectural history on the grounds that it is superfluous and has no real bearing on the urgent and more important issues of to-day. This is a mistaken idea. It is only from a study of the past in all its aspects that the present can be understood and the future wisely anticipated. Never before has there been so great a need for architects to study old buildings and to handle them with sympathy and know-ledge." With such sound expressions With such sound expressions of belief none can disagree and all must give welcome, whatever may be their attitude of mind, to the details of either

architecture or history.

The book is well produced; the photographic illustrations are well chosen and reproduced, and the special drawings and diagrams are clear and concise. The bibliographical references are not even throughout all the essays and an index (if only of place names) would have been acceptable.

S. R. P.

"Bibliography on Prestressed Concrete"

prepared by the A.C.I.-A.C.S.E. Committee 323 as part of their work on Prestressed Concrete, and published by The American Concrete Institute (\$2.00).

HIS is an extensive bibliography of references to articles, papers and books on Prestressed Concrete, giving the authors alphabetically by the year of publication. It starts with a reference in 1896 and includes 1953, and has some 2,000 references in between. Regrettably the first article noted by an Englishman in an English periodical does not occur until the late thirties. As might be expected from an American catalogue, there is a preponderance of American references, probably equalled or exceeded by the number of references to German papers. By this it should not immediately be assumed that the more important British papers have been passed over, but rather that Germans and Americans write more.

As to the usefulness of bibliography, it is possible that it might be of use to someone who wished to read everything that has been written on Prestressed Concrete. Otherwise its use is probably confined to librarians.

It is unfortunate that no attempt is made to give any idea of the contents of any of the papers, etc., referred to. All that is mentioned is the title. Often it is quite impossible to tell anything from this, as a great number of the papers have as their title "Prestressed Concrete." A far more useful contribution for someone in Practice would be a bibliography, not by years of publication, but by the subject matter. Similarly, a short two-line précis of the contents would be invaluable.

R. A. SEFTON JENKINS.

English Mediaeval Castles

By R. Allen Brown. Batsford. Price 109.

BATSFORD in the best Batsford tradition. Glancing through Allen Brown's book this would, I feel sure, be your first reaction. On reading this book, however, you are soon made aware that a new note has been brought into even the Batsford high reputation for books of this nature. To use a modern expression, because it expresses it better than any other, it is a Batsford plus. Plus because it raises this book on castles above those previously written on this enthralling subject.

Whilst many books have been written on this subject, they have, in the main, been concerned with its place in architectural history. Mr. Brown states that the history of the English Castle, in the full and proper sense, has never yet been written, and, with modesty, he adds: "... nor, of course, will it be found in the pages which follow, but merely a tentative recon-

naissance towards the ideal." He has

come very near the ideal.

To most of us the ruins of a castle raise innumerable questions in our minds—when and why was it built; how much did it cost; what did its occupants do when not defending their stronghold? Allen Brown answers these and many other similar questions in a clear and readable language without technical jargon and, what is equally pleasing, without those irritating footnotes.

When reading this book one is struck by the fact that Mr. Brown did not write it for the sake of writing, but because he had a burning desire to place his extensive knowledge before those who have a thirst for knowledge of this enthralling period of our national history.

M. E. TAYLOR.

Spon's Architects' and Builders' Price Book

Eightieth Edition (1954-1955). Edited by Davis, Belfield & Everest, Chartered Quantity Surveyors. Published by: E. & F. N. Spon, Ltd., 22, Henrietta Street, W.C.2. Price 25s.

'HIS book exclusively devotes itself to the full intent of its title with exhaustive persistence over the field of most modern construction and finish. All questions of fact or opinion have been revised in the light of recent research by those fully qualified by experience and this, together with its popularity and long survival, are qualities which speak best of themselves.

Here are some of its contents all duly scheduled in accordance with standard

formula and priced:— Measured Work; Permissible Day Work Allowances; Obligations under Contract; Preliminary Items and Welfare; Market Prices; Working Rules and Rates; Approximate and Cube Values; Hire of Mechanical Plant; Transport and so on.

HARRISON FAGG.

"Chelsea"

By William Gaunt. Published by Batsford. Price 18s.

OWN OF PALACES" was how Chelsea was described by Defoe in his "Tour through England and Wales in 1724-6." This has since been changed by various writers to "Village of Palaces," because it is, as a village, that Chelsea's fame has continued through the years.

Mr. Gaunt has traced the life of this village and its inhabitants from the time when Sir Thomas More first built his "country" house there, until the unveiling of Gilbert Ledward's fountain at Sloane Square in 1953.

He has concentrated on the pre-Raphaelite period, rather at the expense of the others, because, one feels, he knows and loves it best. As he does know it so well, and it is such a fascinating subject, one can forgive

him, but what one cannot forgive is the extremely careless proof reading that has caused so many misprints. Mrs. Marsden-Smedley gaily changes her sex in three lines on page 110. Charles Keene cleverly manages to die several years before he moves to Chelsea on page 138, and Charles Conder is misspelt on page 139, although correctly so in the caption to the illustration facing page 110. All these are admittedly pinpricks, but they are minor irritations which could so easily have been avoided.

However, as a whole, this is a charming book, the illustrations are excellent, and when reading it, it is impossible not to be enchanted by it, and to give

it wholehearted praise. MARGARET A. RICHARDS.

BOOKS RECEIVED

Applied to Buildings. By Si Architectural Hygiene or Sanitary Science Banister Fletcher, D.Lit., M.Arch., P.P.R.I.B.A., F.R.S.L., and Major H. Phillips Fletcher, D.S.O., F.R.I.B.A., F.R.I.C.S. Published by Sir Isaac Pitman & Sons, Ltd. Price 25s.

Bitumen Coatings for Thermal Insulation. Issued by Berry Wiggins & Co., Ltd.

Building by Direct Labour. A National Survey by W. S. Hilton. Published by The Amalgamated Union of Building Trade Workers.

Building, The Evolution of an Industry. By P. Morton Shand. Drawings by Charles Mozley. Published by Token Construction Co., Ltd. Price 15s.

The City Fights Back. By Hal Burton, Published by Thames & Hudson, Ltd. Price 30s.

Colour & Pattern in the Home. By Nocl Carrington. Published by B. T. Bats-ford, Ltd. Price 30s.

Conference on Tropical Architecture, 1953. A Report on the Proceedings of the Conference held at University College London, March, 1953. Published by George Allen and Unwin, Ltd. Price

The Buildings of England: Cambridge-shire. By Nikolaus Pevsner. Published by Penguin Books. Price 5s.

Decorative Art. The Studio Year Book Furnishing & Decoration. Edited by Rathbone Holm & Kathleen Published by The Studio Publications.

The Design of Cylindrical Shell Roofs. By J. E. Gibson, M.Sc.(Maths.), Ph.D., A.M.I.C.E., and D. W. Cooper, B.Sc., A.M.I.Struct.E. Published by E. & F. N. Spon, Ltd. Price 35s.

English Furniture at a Glance. bara Jones. Published by The Architectural Press. Price 8s 6d.

500 Questions on Painting and Decorating.
2nd series, by James Lawrance. Published by The Sutherland Publishing
Co., Ltd. Price 12s 6d.

Francis Greenway. His Life and Times. By M. H. Ellis. Published by Angus & Robertson, Ltd. Price 30s.

Robertson, University of Handbook University of Housekeeping's Handbook University of Handb Tested Equipment. Published on be-half of the Good Housekeeping Institute by The National Magazine Co., Ltd.

The Housing Repairs & Rents Act, 1954 With Introduction and Annotations by S. W. Magnus, B.A. Reprinted from Butterworths Annotated Service. 22s 6d. Legislation

ouses of To-day. By Colin Penn, A.R.I.B.A. Published by B. T. Bats-ford, Ltd. Price 30s. Houses

This Housing Question. By Alec Johnson. Published by Lawrence & Wishart. Price Cloth 8s 6d, Paper 5s.

odern Practical Brickwork. With Great 1,000 illustrations. By William Frost, Hon. F.F.B., M.R.Soc.T., Cert. R. V. Boughton, Modern Practical Brickwork. With over A.I.Struct.E. Published by B. T. Bats-ford, Ltd. Price 50s.

a-OOrlogse Kleine Landhuizen in Nederland, By J. J. Vriend. Published by N. V. Uitgevers-Maatschappij Na-OOrlogse Kosmos" Amsterdam, Antwerp. price given.

on's Practical Builders' Handbook. Edited by A. W. D. Fryer, A.I.A.S. Published by E. & F. N. Spon, Ltd. Price 30s.

Simpson's History of Architectural Development, Vol. 2. Early Christian, Byzantine and Romanesque Architec-ture. By Cecil Stewart. Published by Longmans, Green & Co., Ltd. Price

Trees in Towns. By R. J. Morling. Published by The Estates Gazette, Ltd. Price 7s 6d.

What Every Engineer Should Know About Rubber. By W. J. S. Naunton, M.A.(Cantab.), M.Sc., Ph.D.(London), Dip.Shem.(Munich), F.R.I.C. Published by The British Rubber Development Board. Price 3s 6d.

Alvar Aalto and Finnish Architecture. By Eduard and Claudia Neuenschwander. Published by Architectural Press. Price

Building Materials Their Elasticity and Inelasticity. Editor M. Reiner. Pub-lished by North-Holland Publishing Company. Price 84s.

Proceedings of a Symposium of Concrete Shell Roof Construction 2-4. July, 1952. Editor P. J. Witt. Published by The Cement and Concrete Association.

Early Victorian Architecture in Britain, Volumes 1 and 2. By Henry-Russell Hitchcock. Published by The Archi-tectural Press. Price 7gns. the set.

Fabricators in Steel. The Farmer Catalogue, second edition. Published by W. Farmer & Son, Ltd.

The First Fifty Years. History of the Brixton School of Building. 1904-1954. Published by the L.C.C. Price 2s 6d.

Houses, Interiors, Projects. By Harry Seidler M.Arch. (Harvard), A.R.A.I.A. Published by Associated General Publications, Sydney, Australia. Price £stg. £3 8s 6d.

Ideal Home Book of Plans, 1955 Edition. Published by Odhams Press, Ltd. Price

Know Your House. By B.A.(Arch.), F.R.I.B.A. now Your House. By Eric Ambrose, B.A.(Arch.), F.R.I.B.A. Published by Thames & Hudson, Ltd. Price 15s.

Nine Abstract Artists. By Lawrence Alloway. Published by Alex Tiranti, Ltd. Price 7s 6d. By Lawrence

One Man's Vision. The Story of the Joseph Rowntree Village Trust. Published by George Allen & Unwin, Ltd.

Representation of Salaried Architects

The following statement has been received from the A.B.T .:

The R.I.B.A. letter on the representation of salaried members, having been commented on in the technical press, can be considered to be public The A.B.T. therefore feels property. free to make known its views.

It is a source of satisfaction that the R.I.B.A. and the A.B.T. have improved their already cordial relations by the manner in which full and friendly discussions have been conducted. Furthermore, the R.I.B.A. has now clearly stated that it cannot act as a trade We have always said this, but union. it is obviously an advantage to have the issue clarified by the R.I.B.A. itself.
The R.I.B.A. letter says: "A union

exclusive to architects would be too weak numerically to compete with the existing . . . multilateral organiza-tions." We agree. But most of these organizations attempt, unlike A.B.T., to bring together members who have little in common. Such organizations do not, and cannot, satisfy architects.

As for the A.B.T., we can point to a number of positive gains on behalf of architects during the last few years. If such achievements result when the A.B.T. works alone, how much more could be expected from an enlarged A.B.T., working with the recognition and backing of the R.I.B.A.!

Fifty per cent of the membership replied to the R.I.B.A. questionnairean exceptionally high proportion for an enquiry of this kind. Of these, 63 per cent expressed themselves as willing to join a union. It is not surprising that there is bitter disappointment with the recent letter, for the R.I.B.A. has not answered the clear demand of a large proportion of the membership but suggests only the perpetuation of the status quo.

Architects still need a strong trade union. The A.B.T. is in existence and has had invaluable years of experience. Its constitution is democratic and adaptable to change. Given widespread support it can become fully

The Tite Prize and Soane Medallion Competitions, 1955-56

The R.I.B.A. Board of Architectural Education calls the attention of intending competitors to the fact that the closing date for the submission of forms of application for the Tite Prize

is February 23, 1955.

The Tite Prize, a certificate and the sum of £100 for the study of the Architecture of the Italian Renaissance, is confined to Probationers and elected Students of the R.I.B.A. and elected Students of Dominion Allied Societies who have passed the R.I.B.A. Intermediate or equivalent examination, or produce certificates from members of the R.I.B.A. to the effect that they have reached the required standard. Students who have passed the R.I.B.A. Final or equivalent examination at the time of the en loge competition are not eligible to compete.

Under the arrangements for the competition only one en loge competition will be held. This will take place in London and at non-Metropolitan centres on Thursday, March 31, 1955. The Soane Medallion and the sum

of £120. The competition is confined to members of the R.I.B.A. and of the Allied Societies Overseas and elected Students of the R.I.B.A. and of the Allied Societies Overseas, who have passed the R.I.B.A. Final or equivalent examination or who have produced certificates from members of the R.I.B.A. to the effect that they have reached the required standard. regard to the R.I.B.A. Final or equivalent examination, Students need not have passed the Professional Practice Examination to be taken after 12 months' practical experience.

The en loge competition for the Soane Medallion will be held on the same day as that for the Tite Prize, i.e. Thursday, March 31. The closing date for the submission of forms of applications is February 25, 1955.

Forms of application for admission to the competitions may be obtained at the R.I.B.A., 66, Portland Place,

London, W.1.

Prize for Study of Natural Stone Work

The London Association of Master Stonemasons is offering a certificate and the sum of £50 for competition annually for the study of natural stonework.

The jury will be composed as follows: The Chairman of the Board of Architectural Education; Mr. G. W. Burlington and Mr. G. B. Knight, representing the London Association of Master Stonemasons; Mr. D. du R. Aberdeen and Mr. Geoffrey Harper, representing the R.I.B.A.; and Mr. G. Grenfell Baines, the Critic.

The competition is confined to proba-tioners and elected students of the R.I.B.A. who have not passed or received exemption from the R.I.B.A. Examination (Parts I and II). Probationers and students cannot enter for the competition if they have passed the R.I.B.A. Intermediate Examination or if they have passed an examination recognized for exemption from the R.I.B.A. Intermediate Examination more than 12 months before the published last day for the receipt of the sketches.

The prize will be offered for the best

set of sketches illustrating the use of stone buildings and their setting. Any aspect of natural stonework may be chosen for study, including, in addition to structural masonry, the use of stone for facings or paving. Marbles are ex-cluded from the scope of the prize. The sketches may be in any medium,

and must be accompanied by descriptive notes. They must be drawn from the original, and copies of photographs or other illustrations are not admissible. The examples chosen may be of any period or from any country. The sketches

need not be mounted. They may be submitted in folio or sketch book form, but, in any case, the total area must not exceed two Imperial sheets.

The work submitted in competition for

this prize must be sent flat, not rolled and not folded, to the Secretary, R.I.B.A., 66, Portland Place, London, W.1, so as to arrive on or before November 24, 1955. The drawings must be signed by the competitor. A letter stating the competitor's a Probationer R.I.B.A., and School of Architecture, if any, at which he is studying or has studied, and a declaration that the sketches and notes are his own un-aided work without the collaboration, assistance or advice of anyone, must be submitted with the sketches and notes.

Two R.S.I. Competitions

An award of fifty guineas is to be made by the Royal Sanitary Institute for a prize-winning essay on "The design and fitting of sanitary appliances to reduce noise and its transmission through buildings."

The R.S.I. also announces that its John Edward Worth competition will this year be devoted to an essay on The thermal insulation of dwellings, and the design of water supply and waste drainage systems to achieve free-

dom from frost hazard."

The total prize money amounts to £100, of which £25 will be awarded for the essay. A condition governing the remaining £75, is that it will be used for a study tour of Europe. Twothirds of the latter will be paid in advance, and the remainder on completion of the tour and the submission of a report.

Full details of both awards can be obtained from the Secretary, Royal Sanitary Institute, 90, Buckingham Palace Road, London, S.W.1.

Scholarships Abroad

Over 100 scholarships are being offered to British students by 1' foreign countries for study abroad during the academic year 1955-56. The scholarships, most of which correspond to those offered by the British Council to students from those countries, are mainly for university graduates and undergraduates, but some are open to persons with non-academic professional qualifications.

The awards generally provide for free tuition and maintenance, and are tenable for periods varying from a few weeks to 12 months.

The countries offering the scholar-ships are Austria, Belgium, Brazil, Denmark, Finland, France, Germany, Iceland, Italy, the Netherlands, Nor-way, Persia, Portugal, Spain, Sweden, Switzerland and Yugoslavia.

The closing dates for the receipt of applications differ for each country, the earliest being March 7, 1955.

Further information and application forms, for which a stamped, addressed foolscap envelope should be sent, may be obtained from any British Council office in the United Kingdom, or from The Controller, Education Division,
The British Council, 65, Davies Street, London, W.1.



SHOP

AND

COFFEE ROOM,

NORWICH

architect:
A. D. COOKE,
A.R.I.B.A.

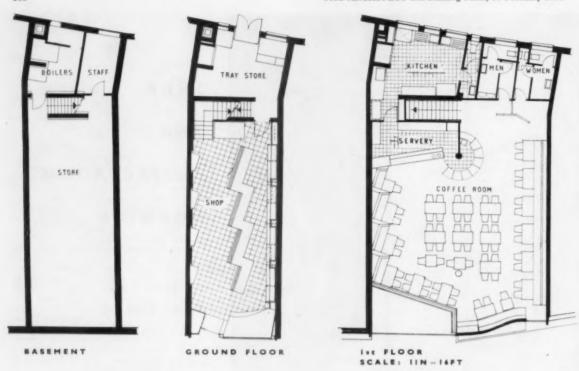
assistant:
D. MAWSON,
A.R.I.B.A.

The sign over the shop windows is of individual yellow stove enamelled metal box letters with red Perspex fronts containing neon tubes, fixed through the glass on spacing bolts which throw the letters 2in clear of the glass. The projecting sign at first floor level is of lead-coated sheet steel, stove enamelled yellow, fitted on two sides with stencil cut metal panels outlined in red neon.

THIS shop and coffee room have been constructed for Matthes, Ltd., who are bakers, confectioners and caterers and who have a chain of shops in Great Yarmouth, Gorleston, Lowestoft and Norwich. Messrs. Matthes' policy is to bring these shops up to date and this is the third property which has been dealt with in this manner. Although the open shop treatment has been adopted throughout the new shops, it has been found desirable to provide certain characteristic features in the design which will make the shops, both externally and internally, instantly recognizable by the general public as being a Matthes' shop. Towards this end the

following salient features have been repeated in the various premises dealt with.

Externally, the maximum amount of glass has been used for the shop front incorporating a window display area framed with a surround of bronze which gives the effect of a picture frame. The disposition of the armour plate entrance doors to this picture-frame window has been kept the same in each property. One wall of the shop in each case extends through to the shop front and is in patterned brickwork of a basket pattern design. This wall incorporates display fittings of a triangular shape in plan spaced at intervals of 10ft centres, or thereabouts.



The main shop. Staircase at the far end leads to the first-floor coffee room.





Coffee Room

Matthes Shop, Norwich

Continued from page 187]

The counters to all the shops have been arranged in a staggered fashion which serves to individualize the various commodities for sale, and at the same time gives an interesting and characteristic counter design. These features plus the repeated use of various materials in the different shops, appear to give that degree of similarity which it is felt the shopkeeper has the right to demand.

The premises illustrated were constructed in a block of shops whilst the main building was being built. A certain amount of opposition was experienced from the Local Authority with regard to the amount of plate glass used on the front elevation—which extends from the pavement level to the ceiling of the first floor. This opposition was finally overcome and the only restriction placed on the elevation to the street was that the lettering to the trade sign should be alignable with the fascia signs of the adjoining properties.

The shop is situated in a 12ft wide busy pedestrian way in the main shopping centre of the city. The open well and glazing to full height of building give the coffee room a closer link with the pedestrian way thus attracting customers in, at the same time it gives an interesting view to those seated inside.

Exterior

The shop front is bronze-finished brass on hardwood reinforced by M.S. flats.

Splining to exterior of coffee room is in polished

teak; flower box in front is lead-coated sheet steel stove enamelled jasmine yellow.

Interior

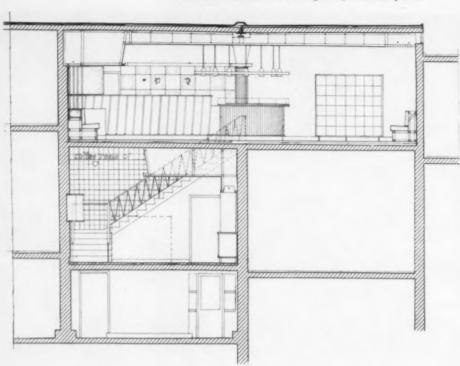
The patterned brickwork is in Tuckers 2in hand-made golden biscuit Tudorstyle facing bricks. The opposite wall in the shop is panelled with french polished mahogany splines, with back display fittings recessed into it. Shop fittings are french polished mahogany. Counters have buff linette Formica tops, with satin-chrome fittings supporting plate glass cases and screens. Korkoid flooring in the shop, on the stairs and in servery is coloured royal blue and cream. Staircase wall tiling is in primrose eggshell finish tiles laid in blocks of four, with kin joints dividing each block. Staircase balustrade is a royal blue colour; handrail polished oak.

The walls of coffee room not faced with patterned brickwork are wall-papered with a diamond patterned paper in red and pale grey. The circular counter has polished light oak splines and removable buff Formica cake trays behind plate glass screens. The circular trellis over is painted white.

The servery counter is faced with white painted perforated hardboard strips separated by vertical oak fillets. The counter top is in buff linette Formica with polished oak edging and on the lower counter level is a stainless steel sink unit, beside which stands a gas café set. A screen of Spotlyte glass partially conceals this from the coffee room.

[Continued on page 191]





The servery back fitting described on page 191. Section. Scale: \$in = Ift

Matthes Shop, Norwich

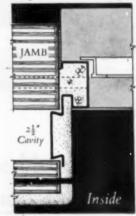
Coffee room showing seats detailed on page 191.





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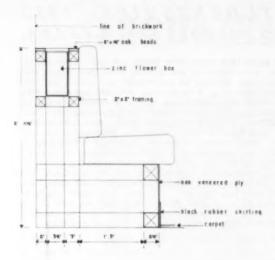
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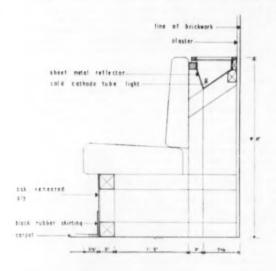
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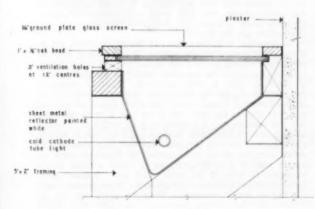
"New warmth for old schools"—just published by the Coal Utilisation Council—shows how the heating in small schools of one, two and three classrooms can be raised to modern standards with low capital expenditure and minimum running costs. For a free copy of this book write to the Publications Department, Coal Utilisation Council, 3 Upper Belgrave Street, London, S.W.1.



Details of bench seats. Scale: Tin=lin



Below, lighting duct detail. + F.S.



Matthes Shop, Norwich

Continued from page 189]

At the back of the staggered bench seats are galvanized metal flower boxes and indoor plants are trained up oak rods. Fluorescent tubes above egg crating illuminates the plants.

The upholstery on built-in seats is black and yellow tartan fabric. The carpet is grey-green with black and yellow motifs, Banbury. Tables are light oak with birdseye maple Formica tops. Chairs are the client's existing dark oak stained ones, scraped and repolished light oak to match remainder of coffee room woodwork.

The servery back fitting is constructed of an block-board with the chequerboard effect obtained by alternating mirror set back and white painted perforated hard-board set forward. The recesses are coloured alternately red, blue, green and yellow with the framework picked out in black. The cupboard fitting beneath is coloured light grey with a grey linette Formica top.

As only light meals are served, the kitchen is not fully equipped with ranges, etc., but there is a gas griller and a boiling table together with a hot closet. The cupboards are of $\frac{3}{4}$ in blockboard painted jasmine yellow with the frames picked out in white. The kitchen walls are light grey and the floor is in red quarries.

Services

The shop is heated by convectors behind the counters and radiators set in recesses on patterned brickwork.

Coffee room heating is by hot water under-floor pipe coils for radiant heating and a "Forceflo" convector. Both heating and hot water boilers are hand-fired with

coke.

There are no opening lights to the windows in the coffee room. A full ventilating system giving eight air changes per hour has been installed using electrical input fans; a ducted extract system is concealed above the acoustic tile false ceiling with a fan placed at the rear of the building. The café set is also connected to this system.

The lighting in the coffee room is cold cathode concealed in troughs at the edge of low dropped ceilings over built-in seats, in a column cap and in troughs in the open well. There are fluorescent tubes concealed above egg crating over the long bench seat, and over the flower boxes behind the staggered bench seats. There are recessed spotlights over the servery counter and staggered bench seats, while the circular counter is lit by pendant lights. The shop is lit by fluorescent tubes concealed in troughs at the edge of the low dropped ceiling over the staggered counters, and by semi-recessed spotlights set in the same ceiling.

The shop is kept free from flies by the use of electrical fumigators which can be seen on the low dropped ceiling behind the counters. These are turned on for only an hour every week and are most effective.

General contractors; W. S. Lusher and Son of Norwich.

R.I.B.A. PRIZES AND STUDENTSHIPS: 1955 EXCERPTS FROM THE CRITICISM BY RAYMOND ERITH, F.R.I.B.A.

M. ERITH opened with a declaration of independence. "It is, I believe, customary on these occasions for the critic to start by saying he is only the mouthpiece of the juries and therefore not responsible for what he is going to say. I do not feel, however, that even as a matter of form I can make this disclaimer. I shall, of course, speak for the juries, but certainly I shall not hold them responsible. I am, you see, one of the few survivors of the now almost extinct school which believes in the old tradition; and therefore if anyone is responsible for what I am going to say it is more likely to be Chambers or Alberti or Vitruvius than someone more recent.

"Before I go any further I ought to tell you that I am going to be critical. What I am mainly concerned with is the principles, or perhaps I should say the ideas, which

govern your architecture.

"If I am going to criticize your ideas, then quite obviously I must make a guess at what they are. If I sometimes guess wrongly I can only ask you to forgive me. I do, however, hope you will be patient with me when I say, or imply, that you think or believe something which you must obviously know to be nonsense, because there is a difference between knowing and believing, and what you know and what you believe are not necessarily the same thing at all. In architecture it is not what you "know" but what you believe, or what you really think, that matters. I am convinced that what you think governs what you do—I do not believe so much in the heaven-sent gift as in the heaven-sent idea—but I am not at all so sure that what you think governs what you say. Therefore, I always check what is said with what is done. That, after all, is only common-sense."

On the Owen Jones Studentship Mr. Erith had this to say.

"The jury were very much disappointed with the result of the Owen Jones Studentship competition. As they said, there has been a revival of interest in colour since the war and therefore it is difficult to understand why there were so few entries. I think the reason is that to the students Owen Jones, like Arthur Cates, seems a bit out of date.

"I am not sure that Owen Jones himself is not partly to blame for that state of affairs. Listen to this. In Proposition 5 of his Principles he says: 'That which is beautiful is true; that which is true must be beautiful.' Now I am not going to argue about the exact meaning of this statement but to simple minded, practical people like architects it must mean that truth is beauty. If you can swallow that, and I think most of you have swallowed it whole, then how can you say that red is more true than blue or green or, for that matter, any colour other than the natural colour of concrete or steel or whatever the building is made of? You cannot say red looks better because looks are not the criterion; truth is; you are concerned with a matter of fact, not judgment.

"And that is one of the greatest troubles with nearly all the work submitted for these prizes. Because you have swallowed Owen Jones's dictum (or was it Keats's?) you are all far too much concerned with facts; or, perhaps it would be more accurate to say, with what you take to be facts, or with what you would like to be facts. You do not sufficiently realize that judgment matters. You have judgment, of course, but you do not value judgment unless you can support it with facts: and, because of that, you often try to support your judgment with facts which are so unlikely that, I suggest, your judgment ought to reject them. In other words, what you are trying to do is first to make beauty out of truth and then, when that does not work, you try to make truth out of beauty. The result is that you tend to have your own special brand of truth and your own special brand of beauty which cannot, I think, be appreciated by ordinary people.

"Before I go on to the next subject I want to say this: you will never get anywhere with architecture until you understand its theory. When the Vitruvians said that architecture depended on three things, construction, utility and beauty, or, as Vitruvius himself called it, strength, utility

and grace, they meant three things, not two. They did not mean, as so many of you seem to think they meant, that architecture depends on construction and utility, and that beauty follows as a by-product; they did not mean that, any more than they meant that architecture depends on construction and beauty with utility as a by-product. They meant that architecture depends on, and must take account of, three separate things. And it is important to see that these three separate things are in balance. Therefore, if what I have said induces anyone to see the error of his ways, I hope he will not jump to the conclusion that beauty is more important than construction and utility, because it is You must not neglect construction and utility any more than you may neglect beauty. The important point is, that if you neglect or over-emphasize any one of the three basic conditions, you will distort the others. And when that happens you will build distorted buildings.

The Intermediate Design Prize

"The subject for the Intermediate Design Prize was 'A Museum for Old Motor Cars.' Three hundred and ninety-eight competitors started, but, in spite of that, the jury had the greatest difficulty in selecting more than the first two or three designs for the final round. I think the reason is that nearly all the competitors neglected beauty or distorted facts, or both—almost always both. In the end the jury did decide to award the prize, and chose IDLER.

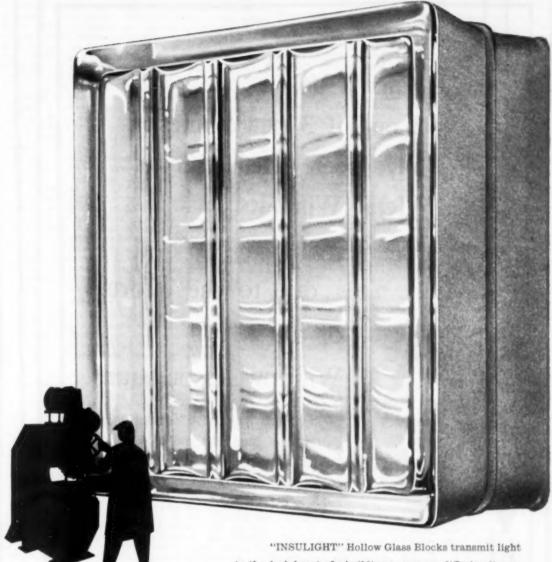
"I do not think IDLER'S design is particularly beautiful or useful, and I am not exactly wrapped up with his construction, but I think it is the best design; and out of 398 starters

that is something.

On the other hand, I am reasonably sure I can tell you why IDLER did not succeed in making his building beautiful. It is, of course, because he is not so much interested in beauty as he is in what he thinks are the ingredients of beauty. In other words he has a theory that he can make beauty out of construction and utility, and the theory does not work. Why so many people believe in that idea I cannot understand. What is the evidence for it? I know that some useful and well-constructed buildings are beautiful, but surely that is no reason for saying that all useful and well-constructed buildings must be beautiful. The fact is that they are not. Often people point to ships and aeroplanes to support this idea but, although I will agree that ships are more often beautiful than buildings, the facts again do not support the argument: some ships are beautiful, others are not. Actually, I think you ought to be very wary indeed of the analogy, but I will say this about the designers of ships. They are not primarily interested in beauty but they are primarily interested in construction and utility. Therefore at least they get construction and utility right, which is more than IDLER and practically all the other competitors have done. What IDLER has done is to assume that construction and utility can supply beauty and then he has tried to knock construction and utility about until they jolly well deliver the goods. If IDLER made a better job of it than the others he can thank Mies van der Rohe.

"Among the field there was one design, by KEPI, which is rather different from the others. It is compact, and the entrance is placed at the point in the front of the building which is nearest to the centre of gravity of the plan so that all the floor space is easily accessible. That, of course, is the method of planning which was generally used, except on the barbarian fringe, during the whole course of civilization, not only in the west but in the east as well, until the last 100 years or so. Its object is to be useful in principle as well as for a particular purpose. If you look at KEPI's plan you will see that it works very well as a museum for motor cars, but if for some reason the buildings were no longer wanted for that purpose it could without much alteration be adapted for some other use. Another good point about his design is the windows. They are not much too big or much too small. Windows much too big or

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Continued from page 1921

much too small are always a sign of incompetence in an architect.

The R.I.B.A. Silver Medal for Measured Drawings

"On the whole I was not very much impressed with the measured drawings. There is a tendency for competitors to measure only just enough to make their drawings plausible. They are not always concerned, as they should be, to make a complete and accurate record. Even the winner's set, for instance, is not complete; he does not show what happens on the flat part of the ceiling, beyond the cove. And what is worse, if you look at some of the survey notes you will often find that the dimensions do not add up right and that the mouldings have not been fully measured. For people who think a Corinthian or a composite cornice is a bit of rubbish which comes out of a book, and one is the same as another, I suppose this sort of thing is all right; although what satisfaction they find in half-measuring rubbish I don't know. But if you take traditional architecture seriously you ought to be able to see that all composite cornices are not the same; they can sometimes be quite deadly and they can sometimes be extremely beautiful. Indeed, there is often great beauty in the details of old buildings, and sometimes almost the whole beauty of an old building may lie in its detail.

"Occasionally one can see this demonstrated; for instance, when the owner of one of the houses in a terrace strips of the cornice and a few other apparently unimportant mouldings and shows that what was once a beautiful building is, in its essence, only a rather uninteresting hulk. I think that in the old art of profiling and applying mouldings there is a clue (I don't say the clue) to beauty in architecture, and I am sure it is a clue you neglect. Therefore, I say, measure the mouldings properly, both for the sake of making an accurate record and to see if you can learn something."

Victory Scholarship

In his dissection of the entries for The Victory Scholarship, Mr. Erith said: "Look at the jury: the chairman of the Board of Architectural Education, two eminent professors, the headmaster of the Architectural Association, and three very distinguished practising architects: it is

"But now look at the competitors. They have not geared themselves up: the lack of comprehension is appalling. By my standard all the designs fail, and with the exception of the winners they fail by any other standard. Naturally, I cannot answer for the ideas of all the individual members of the jury but I can tell you this: they just stood and sadly wagged their heads. When you think that a couple of hundred years ago any respectable builder could, without any special training, design a really sensible and good-looking house, there must be something wrong if these students, many of whom have been five years at a school of architecture, cannot do better than this. Obviously something is wrong. What is it?

"I see quite clearly what is wrong; but it takes some courage, here in the lion's den, to tell you. I think the trouble is just the very thing which you are quite sure it is not. I think you are hidebound by tradition. And I think it all goes back to the idea that truth is beauty and to the over-emphasis of truth which follows from that idea.

"If you look at traditional buildings you cannot fail to see that they often have in them something more than truth, that is something beautiful, which you cannot explain in terms of truth. Therefore, however much you may like traditional buildings, they cannot in any way be admitted as patterns for what you do because the essence of your idea is that you can, or should be able to, explain beauty in terms of truth. Indeed, I am not sure that you do not go further than that. Because you believe in the artistic heresy that truth is beauty you are, as architects, susceptible to the equally absurd, but even more devastating, scientific heresy that truth is goodness as well.

"I only said you are susceptible; but it is something you ought to think about seriously: is truth, in architecture, your only value? I am not at all sure that you can accept the goodness, any more than you can accept the beauty of traditional buildings unless you can explain that quality as

truth. The ordinary man, however, knows perfectly well what is a good building. He does not necessarily want to live in the Georgian builder's house, or any old house, because it is beautiful: he wants to live in it because it is a good house; and when he says it is good he does not necessarily mean that it is convenient or well built or beautiful. But, whether or not truth is your only value, you have got truth so completely out of proportion that you muss reject tradition, because all traditional buildings and methods, however honest they may be and however much you like them, are to some extent false by your standard. And so the idea which started the Gothic revival has run its course until you have arrived at its logical conclusion and rejected tradition lock, stock and barrel.

But-now, here is the point-you are not thereby free of tradition. Not a bit of it. You have not abolished tradition. You cannot abolish tradition: it is there: you cannot possibly free yourselves from it. If you reject it positively, as you have done, it must obviously and does obviously restrict you negatively. That-the restriction of negative tradition-is what is wong. Tradition restricts you negatively and it restricts you so effectively that you have not got room to turn. It is not only in little things, such as windows, that you have to avoid all traditional forms and proportions; it is in big things too, the really important things. I do not think you even begin to realize what you have done for yourselves in rejecting, for instance, symmetry, which is as natural for architecture as the law of gravity. Many of you, I dare say, do not even realize you are restricted: some of you were even born in the cage. But whether you realize it or not, the fact as I see it is that in rejecting tradition you have left yourselves with so little, and especially with so little that is good, that you have not got enough to make a new architecture. A few very gifted people-Mies van der Rohe, if you like-manage to do something, but the majority who have not got his skill are living in a little cage. I know that if you accept rigidly any particular form of tradition you can live in a little cage too; but that is another piece of nonsense. You may have got a new cage but you are still the same canary.

"Having said that, what is there to say that is worth saying about the designs for the Victory Scholarship? Not much, I am afraid, except that a lot of talent is being wasted. The winner CARYATID has exceptional ability, and I think he could be quite an exceptionally good architect. By comparison with the others, his design is very good indeed.

"Most of the other designs are really only a tangled mess. Even when they are not badly tangled, their authors either try to confound you with camouflage or else they lead you through some crazy maze-like side-show.

"Now I have come to the end of the prizes. I have been a harsh critic, I know. I think that what you are doing is misguided and I am afraid I have said so without much tact or consideration for your feelings. I do not, however, think that what you are trying to do is wrong. I think it is right. Architecture should move with the times, and I think you could make it move with the times if you knew what it was that you wanted to move. I have therefore tried to tell you what architecture is, not just as I see it, but as all the great architects of the past saw it, and I have tried to explain how and why you have gone wrong. I have simplified the problem, naturally. I have, so to speak, ignored what the soil scientists call trace elements, which are important; but, by and large what I have told you is what any architect from Soane back to Vitruvius would have told you if he had had the misfortune to see you doing what I see.

"My advice to you is not to go straight back to the Orders but to accept tradition in principle and certainly to stop avoiding traditional forms and methods. Before you can do that, however, you must change your basic ideas, and you must make the change because the rejection of tradition is a dead end that is leading nowhere and can lead nowhere. The only course which can possibly have any future is to accept the broad stream of tradition as a whole and then enlarge and expand it. If you do that you may one day, perhaps quite soon and perhaps quite suddenly, get the architecture you want."

An article by M. E. Taylor on the prize drawings will appear in a future tissue.

Mosanes

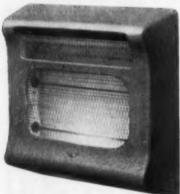
SERVICES SPACE HEATING

The "Constat" model PF room thermostat, by Thermostatic Controls Co., Avenue Road, Hampton, Middlesex, has been designed to give close temperature control of space heating. To obtain optimum performance, care should be taken to ensure that when mounted it is not subject to draughts, or to direct radiation from sunlight or reflector-type heaters, or direct convection currents The thermostat should be located on a vibration-free inside wall. and remote from the heating medium except when forced air circulation is used, when it can be mounted behind the heater. A nominal height of 5ft from the floor should always be maintained. Capacity 15 amps. 250 v., A.C. only. Finish: cream, gold or black



SERVICES VENTILATION B2/23

The "Air-Flow" kitchen canopy has been produced by Fenton, Byrn & Co. Ltd., Berrylands Road, Surbiton, Surrey. It has been designed for the purpose of sucking up all grease-laden steam, fumes and cooking smells and thus preventing greasy moisture from condensing on the walls. There is a drain cock provided for removal of any liquid that may form in the fan. Finish; rust proofed and stove enamelled cream (or other colour). Consumption: 15 watts. Dimensions 2ft x 2ft 6in. Conforming to B.S.170.



SERVICES SPACE HEATING R3/63

The "Hobourn" wall model convection heater is manufactured by Hobourn Domestic Appliances Ltd., Temple Farm Works, Strood, Rochester, Kent. By using the Hobourn patented element it is claimed that the heater is completely shock- and fireproof. The element consists of 72lt did cord giving ample surface for the air to absorb the heat. A pigmy bulb is fitted in the lower part of the heater which provides a glow when the heater is on. Fibreglass insulation makes the unit shockproof, whilst the temperature is sufficiently low, it is claimed, to make it impossible to ignite material coming into contact with the element cord. Finish: stove enamelled ivory and gold (or other colours). Loading: I kW. Power supply: 200-220 volt A.C. or D.C. or 220-240 volt A.C. or D.C. or 220-240 volt A.C. or D.C. Directions on the colours of the province of the colours of the colours of the colours.



SERVICES VENTILATION

The "Moisture Master" air drier (world distributors: Continental Components Ltd., Hanover Buildings, 35/39 Maddox Street, London, W.I.) gives protection against mould, warpage, mildew and rust. The cabinet is of one piece allsteel construction with Dulux neutral colour finis. The fitted water drawer can be used as container or over permanent drain with stopper removed or with hose connection to permanent drain from rear of cabinet. The hermetically sealed unit needs no oiling. Water, dust and pollen is removed from the air by the cooling coils and led to the water drawer for disposal. The dried air then passes over the condenser coils where it is reheated and passed back to the room. Mounted on castors. Area capacity: up to 10,000 cu. fic. enclosed space. Silometric unit: ½ h.p. motor. Rating: 220 volts, 50 cycles, 110 volts, 60 cycles. Dimensions: 21in high x 12in wide x 20½in long. Weight: 94lb.

INDUSTRIAL NOTES

An exhibition of cables, distribution equipment and other products manufactured by W. T. Henley's Telegraph Works Co., Ltd., is being staged at the Hotel Russell, London, W.C.1. The Exhibition is due to close on February 25 and is open daily (excepting Saturdays) from 2.30.7 p. w. 1 from 2.30-7 p.m.

• Sir Richard Ernest Yeabsley, C.B.E., F.C.A., F.S.A.A., has been appointed a Director of the Ruberoid Company, Ltd.

· Housing contracts amounting to more than £3,000,000 have just been awarded to Wates, Limited, the Building and Civil Engineering Contractors, by the London County Council and other local authori-County Council and other local authorities. Biggest of the contracts is one calling for 1,035 dwellings in 20 multi-storey blocks at Roehampton, S.W. Another contract, amounting to £410,000, is for 130 dwellings in three multi-storey blocks at Barrie Street, Paddington, W.

• On February 14, The Financial Times will publish and present, with that day's issue, a Survey of the Paint Industry.

One hundred and fifty tons of marble chippings were brought from Carrara in Italy for use in the marble finished casings of 116 columns which are incorporated in an office block being built at Crawley New Town. It was designed by Messrs, Adie, Button & Partners for A.P.V. Company, Limited, the engineers, and built by Wates, Limited.

A panel of this particular marble finish, which is made at the Wates Concrete Factory at Bedfont, in Middlesex, was shown at the "Building in Concrete" Exhibition at the R.I.B.A. headquarters in London recently.

• Matthews & Yates, Ltd., manufacturers of Cyclone Fans and fan equipment, announce that they have transferred their London office to larger premises at 135, Rye Lane, Peckham, London, S.E.15. Tel. No. New Cross 6571.

• The third British Instrument Industries Exhibition, to be held at Earls Court, London, from June 28 to July 9, 1955, will be the largest of its kind. It will show the latest equipment of manufac-turers of scientific and electrical instruments, industrial meters, automatic con-trols, scientific glassware and drawing office equipment.

omce equipment.

The Board of Trade announce that the President has appointed Mr. Misha Black, O.B.E., F.S.I.A., M.Inst.R.A., Prof. R. Y. Goodden, R.D.I., A.R.I.B.A., F.S.I.A., Messrs. William Johnstone, O.B.E., and J. M. Richards to be members of the Council of Industrial Design.

Mr. John Mitchell, of A. Mitchell and Sons, Ltd., was appointed president of the Scottish Building Contractors' Association at the annual meeting in Glasgow. Mr. D. C. Leggat was elected vice-president Leggat was elected vice-president and Mr. M. Gilmour honorary treasurer.
Mr. A. M. Browning was reappointed
secretary and the following members were elected to the committee: Messrs. John Livingstone. John Johnson, N. M. Livingstone, John Johnson, N. M. Brydon, William Williams, and Harald A. Whitson.

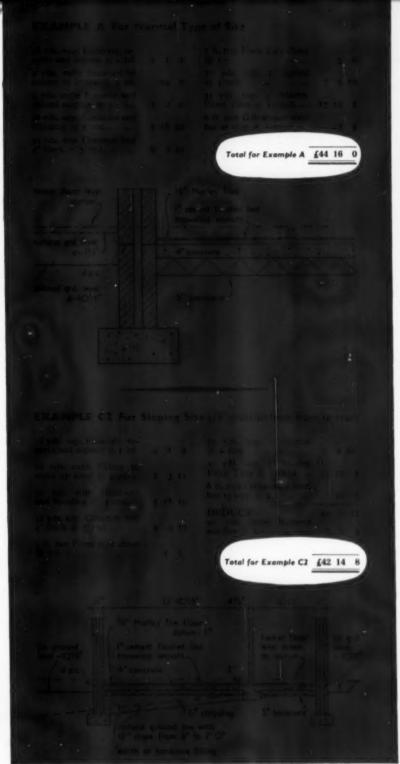
• For the sixth year in succession Unity Structures, Limited, sponsors of new tradition buildings, will be exhibiting at the Daily Mail Ideal Home Exhibition. This year's exhibit will consist of the lower three floors of two-bedroom multistorey flats (House No. 8, The Village on the Hill, Ground Floor, National Hall) and will be open for inspection from March 1 to 26. The interior decorations and furnishings are being undertaken by the Council of Industrial Design.

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costs throughout the booklet have been compiled by a reputable independent firm of chartered quantity surveyors, and are based upon current competitive prices for houses.



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F.16.

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The 'surprise' in VERSATILITY

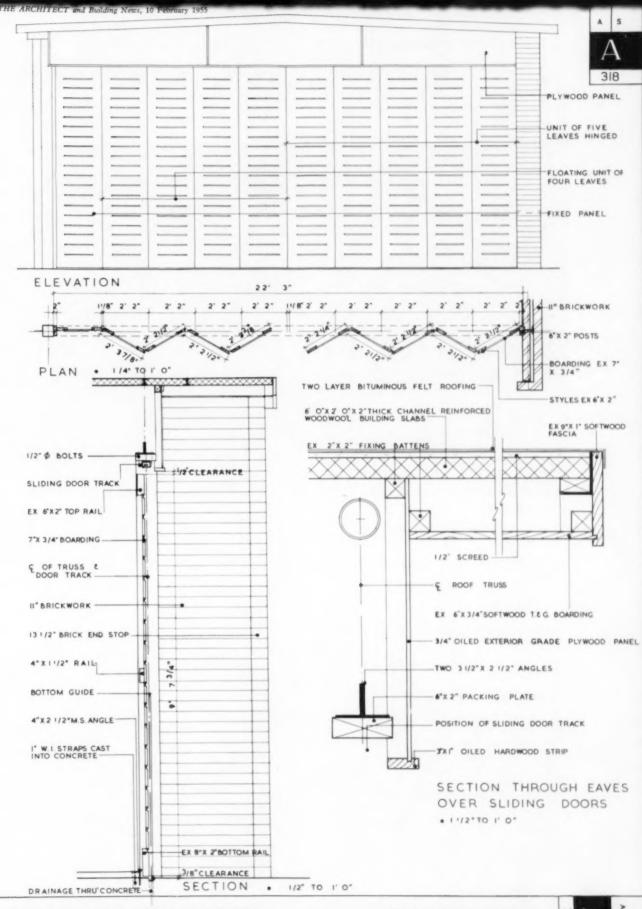
Nairn Vinyl Tile Floors can be laid on any kind of level surface, upstairs, downstairs, or in the basement. As a design component the Nairn Vinyl Tile is extremely versatile, too . . . AND, LAST BUT NOT LEAST, THE COST IS SURPRISINGLY LOW.

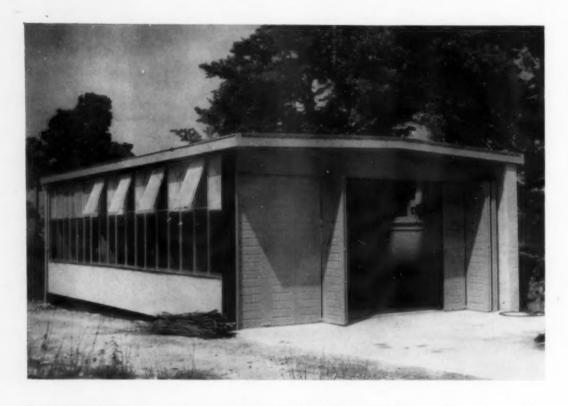
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Notes below give basic data of contracts open under locality and authority which are in bold type. References (a) type indicate: work, (b) address for application. Where no town is stated in the

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CONTRACT NEWS

OPEN

BUILDING

ANDOVER B.C. (a) 21 houses, Leigh Road site, with site works and services. (b) Borough Surveyor, "Beech Hurst," Weyhill Road. (c) 2gns. (e) Feb. 17.

BARKING B.C. (a) 2 9-storey blocks of 48 flats each, Thames View Estate. (b) Borough Architect, Town Hall. (d)

BEDFORDSHIRE C.C. (a) Erection of a 4-bay all-steel Dutch Barn, Grange Farm, Barton; a small set of farm buildings, Hoo Farm, Kempston; and a site of farm buildings at First Purchase, Pulloxhill. (b) County Land Agent, Shire Hall, Bedford. (d) Feb. 21.

BEDFORDSHIRE STANDING JOINT COMMITTEE. (a) Erection of a police house with office at Cranfield, police house with office at Eaton Bray, pair of police houses at Garden Road, Dunstable, and a police house at Bramble Road, Luton. (b) County Architect, Shire Hall, Bedford. (d) Feb. 15.

BILLINGHAM U.C. (a) 40 houses. (b) Engineer and Surveyor, Council Offices, Haverton Hill. (c) 2gns. cheque payable to Council. (e) Feb. 21.

BLETCHLEY U.C. (a) Erection of factory No. 6, Industrial Estate, Watling Street. (b) Engineer and Surveyor, Council Offices. (c) £5. (e) Mar. 7.

lows and construction of a new road, Kelsale, (b) H. W. Lovell, Council Offices, Rendham Road, Saxmundham. (c) 2gns. (e) Feb. 18. BLYTH R.C. (a) 6 houses and 4 bunga-

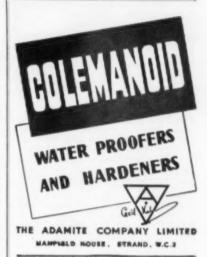
BOURNEMOUTH B.C. (a) Block of 4 flats and a pair of houses and outbuildings at corner of Hadow Road and Bennion Road, (b) Borough Architect (Room 106), Town Hall. (c) 2gns. (e) Mar. 8.

BURNHAM-ON-SEA U.C. (a) Extension of the Town Hall Offices, Council Depot, including garages and remodelling of Council Chamber. (b) Engineer and Surveyor, Manor House, Manor Gardens. (c) 2gns. (e) Feb. 22.

BURY B.C. (a) Erection of 2 classrooms at the Junior School, Willow Street. (b) Borough Engineer, Town Hall. (c) £1.

CARDIFF R.C. (a) Block of bungalows, with site works, Eglwys Wen Estate, Whitchurch. (b) Engineer and Surveyor, 20, Park Place. (c) 3gns. (e) Feb. 21.

CROYDON B.C. (a) (1) Erection of a Schoolkeeper's house, Shirley Secondary School; (2) alterations, etc., to form an art room at Heath Clark School; (3) erection of a classroom block, Fairchildes Primary School, New Addington. (b)
Chief Education Officer, Katherine
Street. (c) £1 each contract. (e) Feb. 24. address it is the same as the locality given in the heading, (c) deposit, (d) last date for application, (e) last date and time for submission of tenders. Full details of contracts marked * are given in the advertisement section.



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CUMBERLAND C.C. (a) School meals scullery, Seaton Infants' School. (b) County Architect, 15, Portland Square, Carlisle. (e) Feb. 21.

CUMBERLAND C.C. (a) 3 classrooms at Silloth Mixed School Junior Department. (b) County Architect, 15, Portland Square, Carlisle. (e) March 2.

DOWNHAM R.C. (a) 2 houses at Stoke Ferry, 2 at Methwold Hythe, 6 at Marham, 6 at Magdalen, 6 at Watlington, 8 at St. Germans and 10 at Southery. (b) Council's Surveyor, Council Offices, London Road, Downham Market. (c) 2gns cheque payable to Council. (a) Feb. 21.

ENFIELD U.C. (a) 104 houses, Holt-whites Hill (South) Estate. (b) Engineer and Surveyor, 7, Little Park Gardens. (c) 2gns. (d) Feb. 14. (e) March 9.

ESSEX. (a) Erection of (1) St. Albans Catholic primary school at Harlow New Town (cost £42,000) and (2) St. Joseph's Catholic primary school at Harwich (cost £17,000), for Essex County Council and Trustees of Roman Catholic Diocese of Brentwood. (b) R. A. Boxall, 81, Mouls-ham Street, Chelmsford; immediately.

GUILDFORD B.C. (a) 19 pairs of houses at Park Barn, 2 pairs of houses at Bell-fields, and 4 pairs of houses at Bushy Hill. (b) Borough Engineer, Municipal Offices, High Street. (c) 2gns. (e) Feb. 22.

HAMPSHIRE C.C. (a) Erection of a police officer's house and a fire officer's house at Lyndhurst. (b) County Architect, The Castle, Winchester. (c) Ign. cheque payable to County Treasurer. (d) Feb. 17.

HASLEMERE U.C. (a) 6 bungalows, Parsons Green, (b) Council's Clerk, Council Offices. (c) 2gns. (e) Feb. 21.

ILFORD B.C. (a) 3 houses on a site at 2-10, Clarissa Road. (b) Borough Engineer, Town Hall. (c) 2gns. (e) Feb. 22.

LAKES U.C. (a) 10 houses, Glenridding. (b) Housing Officer, Council Offices, Ambleside. (c) 2gns. (e) Feb. 21.

LEEK U.C. (a) Contract 19. 12 houses at Windsor Drive, Haregate Estate. (b) John A. Gilchrist, Town Hall. (c) 2gns. (e) Feb. 19.

LEICESTERSHIRE C.C. (a) Erection of classroom accommodation at Shepshed C.E. School. (b) County Architect, 123, London Road, Leicester. (c) 2gns. (e)

LONDON—TOTTENHAM B.C. (a) 301 dwellings, Potters Bar site. (b) Borough Engineer, Town Hall, N.15. (c) 2gns. Engineer, T (d) Feb. 24.

MANCHESTER C.C. (a) Repair to two portions of the building fabric of the main building of the College of Technology. (b) Chief Engineer and Works Superintendent, College of Technology, Sackville Street, 1. (e) Feb. 19.

MIDDLESBROUGH B.C. (a) Erection of (1) Ladgate Primary School, and (2) Park End Primary School. (b) Director of Education, Education Offices, Woodlands Road. (c) 5gns each contract. (d) Feb. 19. (e) Mar. 25.



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TRUE FLUE NVECTOR HOUSE - ACACIA ROAD NEWCASTLE-UPON-TYNE C.C. (a) 852 flats in 3-storeys on Unit No. 4 of Longbenton Estate. (b) City Architect, 18, Cloth Market, 1. (e) Feb. 24.

N. IRELAND—BELFAST C.C. (a) Extensions and alterations to Everton tensions and alterations to Everton Primary School, Crumlin Road, to form an intermediate school. (b) Education Architect, 40, Academy Street. (c) £5. (e) Mar. 3.

N. IRELAND-CO. DERRY, (a) Erection and completion of a primary school at Roe, Shanvey. (b) P. Davidson, 16, High Street, Belfast. (c) 5gns. (e) Feb. 24.

IRELAND - NORTHERN IRE-LAND FIRE AUTHORITY. (a) Fire station. Portstewart. (b) Messrs. station, Portstewart. (b) Messrs. McCutcheon and Wilkinson, 4, Queen Street, Coleraine. (c) 5gns. (e) Feb. 18.

NORTHUMBERLAND C.C. (a) Police station (divisional headquarters) at Hexham. (b) County Architect, County Hall, Newcastle-upon-Tyne, 1. (c) 2gns. (d)

OGMORE AND GARW U.C. (a) 4 flats in 1 block, Glynllan site, Blackmill. (b) Engineer and Surveyor, Council Offices, Brynmenyn, Glam. (c) 3gns. (e) Feb. 24.

ONGAR R.C. (a) 16 houses and 3 garages, Pamcroft Estate, Abridge. (b) Engineer and Surveyor, Bowes Field. (c) 2gns. (e) Feb. 21.

OTLEY U.C. (a) 38 houses at Part 2, Section B, of Weston Lane Estate. (b) Engineer and Surveyor, Council Offices, North Parade, (c) 2gns. (e) Feb. 18.

PORTSMOUTH C.C. (a) (1) 40 houses, Lower Farlington Farm; (2) 36 flats, Hambrook Street. (b) City Architect, 1, Western Parade. (c) £1 each contract. (d)

SCOTLAND—GREENOCK. (a) houses, Branchton site, for Scottish Special Housing Association, Ltd. All or separate trades. (b) Scottish Special Hous-ing Association, Ltd., 15-21, Palmerston Place, Edinburgh, 12.

SOUTH - EAST METROPOLITAN SOUTH-EAST METROPOLITAN REGIONAL HOSPITAL BOARD. (a) Erection of an admission unit at St. Francis Hospital, Haywards Heath. Approx. cost £100,000. (b) Board's Secretary, 11, Portland Place, London, W.1, with names of 3 referees (to include 1 financial referee). (d) Feb. 14.

SOUTHPORT B.C. (a) Alterations and repairs at (1) 10, Bridge Street; (2) 40, Sidney Road; (3) 69, St. Luke's Road; (4) 44, Cobden Road. (b) Borough Architect, 99-105, Lord Street. (c) 1gn each contract. (e) Mar. 8.

TORRINGTON R.C. (a) Erection of (1) TORRINGTON R.C. (a) Erection of (1) 2 pairs of bungalows and a pair of houses, Winkleigh; (2) pair of bungalows, Merton; (3) pair of bungalows, Sheepwash; (4) pair of bungalows, Shebbear. (b) Messrs. Friend, Kelly and Friend, 102, Boutport Street, Barnstaple. (c) 3gns. (e) Feb. 23.

WALLASEY B.C. (a) Erection and completion of the Moreton secondary school. (b) Borough Architect, Town Hall. (ϵ) 2gns. (e) Mar. 2.

WELTON R.C. (a) 4 houses and small sewage treatment works, Spridlington. (b) Messrs. Wm. Saunders and Partners, 24, Castle Gate, Newark-on-Trent. (c) 3gns. (e) Feb. 23.



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PLACED

Notes on contracts placed state locality and authority in bold type with (1) type of work, (2) site, (3) name of contractor and address, (4) amount of tender or estimate. † denotes that work may not start pending final acceptance, or obtaining of licence, or modification of tenders, etc.

SLOUGH CORPORATION. (1) Houses. (2) Wexham Court Estate. (3) Geo. Wimpey and Co., Ltd., Hammersmith Grove, London, W.6. (4) £673,987.

CAMBRIDGESHIRE E.C. (1) Secondary school. (2) Southern Cambridge. (3) J. Brignell and Co., 42, Newmarket Road, Cambridge. (4) £207,750.

LONDON COUNTY COUNCIL. (1) Blocks 34-40 of flats. (2) Quadrant site, Islington. (3) W. J. Simms, Sons and Cooke, Ltd., 78, Mount Street, London, W.1. (4) £161,579.

SHEFFIELD CORPORATION. (1) 148 SHEFFIELD CORPORATION. (1) 148 houses. (2) Gleadlees Valley. (3) W. J. Simms, Sons and Cooke, Ltd., Haydn Road, Sherwood, Nottingham. (4) £200,247. (1) 89 houses. (2) Greenhill-Bradway estate. (3) M. J. Gleeson (Contractors), Ltd., Chesterfield Road, Sheffield. (4) £119,678. (1) 108 maisonettes. (3) Crackill Padeurs Exercical Processing Pr (2) Greenhill-Bradway Estate. (3) Reeves Charlesworth, Ltd., 27, Wilkinson Street, Sheffield. (4) £148,050.

WEST HAM B.C. (1) 71 flats, 8 houses, 10 maisonettes. (2) St. John's Road. (3) A. E. Symes, Ltd., Carpenters Road, London, E.15. (4) £143,987. (1) 45 flats, 18 maisonettes, etc. (2) Forest Lane, E.15. (3) Leslie and Co., Ltd., St. James' House, Kensington Square, London W. (4) £124,669. don, W.1. (4) £124,690.

STEPNEY, E. (1) 48 married quarters in two blocks. (2) Stepney Way, E., for Metropolitan Police Authorities. (3) Rush and Tompkins, Ltd., Station Road, Sidcup, Kent. (4) £128,507.

LEEDS REGIONAL HOSPITAL BOARD. (1) Villa. (2) Brandesburton Hospital, Driffield. (3) E. Barker, Ltd., 39, Brunswick Avenue, Hull. (4) £30,282.

ERITH B.C. (1) 24 flats. (2) Albert Road (3rd stage). (3) Direct Labour. (4) £38,850.

NOTTINGHAM CORPORATION. (1) Hostel. (2) Clifton Estate. (3) Hutchin-son and Rostance, Ltd., 2, King's Meadow Road, Nottingham. (4) £49,540.

LONDON, E. (1) Offices, for Dock Labour Board. (2) Royal Albert Docks. (3) C. J. Simms, Ltd., 2, Victoria Street, London, S.W.1. (4) £30,000.

BRISTOL CORPORATION. (1) 128 "Reema" houses. (2) Eastwood Crescent. (3) Stone and Co. (Bristol), Ltd., Bristol. (4) £194,007. (1) 48 houses. (2) Highridge Estate. (3) W. J. Kew (Contractors), Ltd., Bristol. (4) £75,658.

WORKSOP. (1) Factory for Carr Fasteners, Ltd. (2) Shireoaks Road. (3) G. A. Pillat and Son, Ltd., Quorn Road, Haydn Road, Nottingham.

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The greatest care is necessary. No two lots of paper are exactly alike. Papers, cottons and mounting boards vary in tensile strength and shrinkage factor. A particular glue will suit one job—only a certain paste can be trusted for another. Generations of craftsmen have handed on knack and knowledge of this kind at WEST; we are constantly experimenting, testing, making sure!

Perfected processes include joining and mount-

ing maps and plans of all sizes on to paper, cotton and board; providing and fixing roller WESTY SAYS: We specialise in mounting up competition work — faultless presentaand ledge fittings; fixing to spring rollers; mounting in is so important. flat or cut to fold as for road maps; providing and fixing large wooden strainers as for theatre and exhibition displays; expert repair of torn and dilapidated documents; binding reports and estimates into book form; edge-binding with 'Byndite' or silk; and varnishing . and we welcome new problems!

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understand your problems

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Wood block floors require a good base setting compound, "LACOL" 1290 is such a product! This pure bitumen emulsion with which rubber has been incorporated gives great adhesion between wood blocks and concrete, allowing for movement due to expansion and contraction. The risk of blocks becoming loosened is thus virtually eliminated. Wood block floors are laid with assurance of good service



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With one of the largest Joinery Organisations in the Country at your disposal, backed by over 65 years' solid experience, you will readily appreciate the many advantages to be gained by specifying S.B.K. Joinery. We are in a position to give unrivalled service for the supply of quality woodwork.

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of 19th-Century houses is most important for a successful conversion to modern requirements,

For over 60 YEARS we have carried out extensive maintenance and alterations to Georgian and Victorian houses in their Electrical and Building aspects so that our organisation has a wealth of experience which is almost unique. More and more, the need to convert these houses grows and has received Ministerial support. We would

like to place this experience at the service of the profession and invite enquiries.

Members of LMB.A. and EC.A.

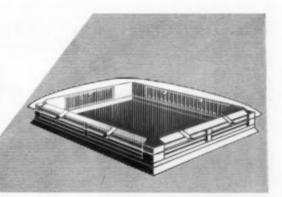
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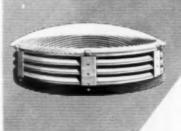
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AND STANDARD GLASS DOMES





Built of heavy gauge steel, this G.A. ventilator consists of a series of weathered external louvres with or without internal hit and miss shutters operated by a unique toggle for hand or long-arm control. Designed for mounting on a prepared timber or concrete curb, the unit is supplied zinc sprayed and unglazed.

* FOR CIRCULAR OR RECTANGULAR DOMES * PERMANENT OR CONTROLLED VENTILATION

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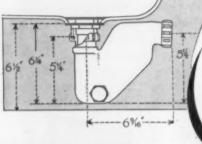
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Designers and Manufacturers of Ventilating Equipment for Buildings, Vehicles and Ships
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Seltite AUTOMATIC RE-SEALING TRAP (PAT.491,296)

Polished, Chrome plated. or other special finishes can be supplied if required.



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Grams: KONTITE SOWEST LONDON

Telephone: BOLTON 197

The Seltite Bath P Trap is designed for use with Baths to BSS,1189/1944, and is made from cast gunmetal. It is of full bore and has a seal of 31" in depth. A standard gas inlet is

incorporated, and the trap has two cleaning eyes. If required an "S" type outlet can be supplied separately, or fitted.



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Telegrams: KONTITE BOLTON

dm KB.108

Announcing the New TRIANCO Boilers

A revelation in efficiency, economy and dust free operation

After prolonged research and exhaustive tests Trianco Boilers, both domestic and industrial types, now provide the most efficient means of ensuring the maximum heat release from solid fuel of various types. The new models, employing the newest techniques in operation, are scientifically designed and provide the complete answer to economical, efficient, controlled heating.

Efficient. Automatic thermostatic control-heat output only when required. Highest efficiency factor due to complete fuel combustion at high temperatures ensuring smokeless combustion.

Easy to operate. Fuel is gravity fed from hopper. Declinkering without dust or loss of heat by hand, lever, or automatically in the larger types. Uses wider variety of fuels than has hitherto been found possible on this type of boller-requires minimum of attention and in industrial types can be fitted with conveyor system for fuel feed and ash removal.





Adaptable.

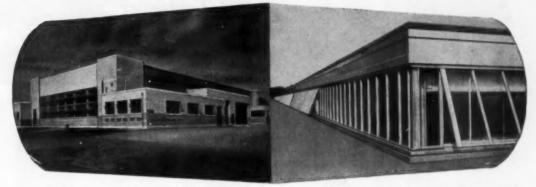
These are types to provide central heating and hot water for the average home or larger types to heat and provide hot water for hotels, a block of flats, cinemas, offices, or factories.



Consult us on your heating problems-our highly trained technicians will assist you. These boilers are made under pending British and foreign patents and exclusive licence

TRIANCO LTD. (HEATING DIVISION) IMBER COURT, EAST MOLESEY, SURREY, EMBERBROOK \$30

The more windows the greater the value of -



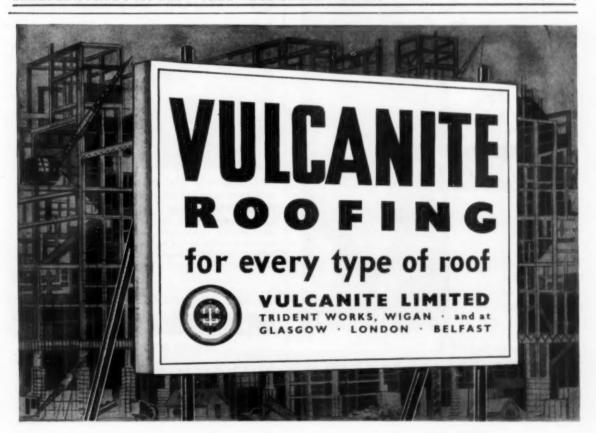
Camberwell Bus Garage. Architect: C. Howard Crame & Partmers, 1 association with Thomas Billbow, F.R.I.B.A., L.T.E. Architect. Contractors: Halse & Soms, Ltd. Window Installations by Williams & Williams, Ltd.

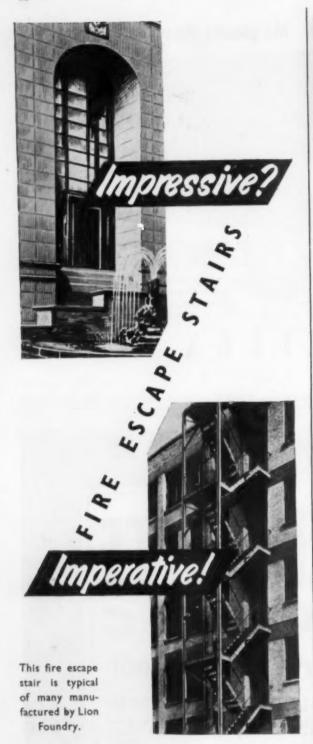
Minnesota Mining & Manufacturing Co., Ltd., Factory Roof Lighting. Architect: Honry Bugden & Co., F.R.I.B.A. Main Contractor: G. Percy Trentham Ltd. Window Installations by Williams & Williams, Ltd.

Teleflex remote control gearing offers a simple, inexpensive and efficient method of solving your problems of Window and Ventilator operation-nothing is "out of reach." Our new catalogue is now available and we will be pleased to forward a copy upon request.

TELEFLEX REMOTE CONTROL

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CO, LIMITED KIRKINTILLOCH, NR. GLASGOW

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Two ways to HEAT CONSERVATION

DRAUGHT EXCLUSION

will reduce the loss of heat through the average window by at least half, and through doors by an even greater amount. The actual rate of cold-air infiltration, the source of all draughts, can in turn be reduced by anything up to 95%, according to type of construction.

EXAMPLE: D/H Sash Windows of wood, 5' 2" x 2' 8", average length and width of gap, 18' 0" x ½", average wind speed 10 m.p.h.



BEFORE draught-exclusion = 1998.0 cu. ft. per hr.

AFTER , = 264.6 cu. ft. per hr.

PREVENTION achieved = 1633.4 cu. ft. per hr. or 86.1%

ROOF INSULATION



will reduce the loss of heat through a roof-area by at least 70%. This loss, in the average house, is about one-third of all the heat lost in various ways from the structure as a whole.

EXAMPLE: Average "U" values of a number of Pitched roofs of NEW but varying construction. "U" = B.Th.U[sq. ft.] hr./1 deg. F.

BEFORE insulation (Desirable standard 0.20) = 0.43

AFTER insulation by I' bitumenised glass wool = 0.13

PREVENTION achieved = 0.30 or 69.7%

Specify DRAUGHT EXCLUSION and ROOF INSULATION by HERMESEAL. No higher degree of efficiency in the conservation of heat and the saving of fuel can be achieved in any already existing building. Surveys and installations are carried out by our own skilled staff throughout the country. Write for full details.

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means warmer homes

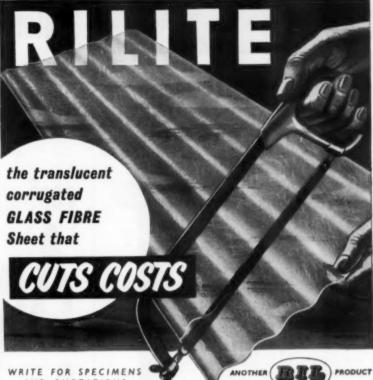
BRITISH HERMESEAL LIMITED
Head Office: 4 PARK LANE, LONDON, W.I

Telephone: GROsvenor 4324 (5 lines)

- 1 Easy to fix—can be sawn and nailed without drilling.
- Easy to handle—weighs only 8 oz. per sq. ft.
- 3 Shatter-proof—take a walk across it and prove it for yourself!
- 4 Can be used with asbestos or iron sheets in Standard Purlin Spacings.

Available for most standard profiles and in lengths from 36" to 96".

RITE
CORRUGATED GLASS FIBRE SHEET



If the contract demands low cost plus maximum efficiency you are safe with DUBLOTANK. It needs only a wall depth of 11 in. and is suitable for a working head of ten flats. Note these DUBLOTANK points:—

Initial cost less than ordinary circular tank of equal strength.

Fits any standard cupboard and gives greater efficiency because of short flow and return pipes.

Suitable for installation in buildings with head of water up to ten flats.

Is supplied with standard immersion heater boss and plugs.
 Felt lagging supplied as standard.

D.M.CUTHELL & CO. LTD.

"QUICKHEAT" COPPER BOILERS

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SPECIFICATION

Size 41 in. high, 23 in. wide, 11 in. back to front and made to British Standard Specifications, maximum test pressure 100 lbs. per sq. inch. Unit complete with 4-1 in. tappings for flow, return, cold supply and hot draw-off, also 1-24 in. tapping with plug for immersion heater.



'Harco' Rainwater Goods in light gauge pressed steel to B.S. 1091—1946 and hot dip galvanized after mamufacture by the 'Harco' process, are easy to handle, long lasting and resist impact. The complete range includes H.R. and O.G. Gutters, Angles, Nozzles, Stop Ends and Brackets, Rainwater Pipes, Elbows, Shoes, Offsets and Heads.



HARCO'
LIGHT GAUGE PRESSED STEEL
RAINWATER
GOODS

Send for List No. A. 793.

G. A. HARVEY & CO. (LONDON) LTD., WOOLWICH ROAD, LONDON, S.E.7

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Waterproof

that leaky

Simply apply AQUASEAL straight from the container with a brush or broom. It adheres to any clean surface and forms a firm, jointless, durable coating which remains thoroughly waterproof.

AQUASEAL cannot creep or flow under the hottest sun or become brittle in cold weather; and is unaffected by acids and fumes in the atmosphere.

roof with

A gallon tin (Black 8/6, Brick Red II/-) covers 4-5 sq. yd. with two coats. Also in 5 gallon and 10 gallon drums. To seal holes or cracks, use AQUASEAL Plastic. Quart tin, 3/3. Also in larger sizes.

Aquaseal

From Builders' Merchants, or write to:

BERRY WIGGINS & CO. LTD., BREAMS BUILDINGS, LONDON, E.C.4

Your EARTH BORING

instantly solved

by the largest hire fleet of this specialised equipment in the Country. Depths to 20 feet, bores to 42 inch diameter holes. Nationwide coverage.

SHORT BORED PILE FOUNDATIONS
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Daily, weekly or monthly terms as well as keen quotations for special contracts gladly submitted.

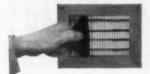
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NEW ROAD

ASCOT . BERKS.

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WINKFIELD ROW 3240



MINIMUM RESISTANCE AND TURBULENCE UNIFORM AIR DISTRIBUTION
 AIR DIRECTION AND VOLUME CONTROLLED CONGEALS DUCT OPENINGS
 ATTRACTIVE APPEARANCE



planned

Multi-blade Dampers are recommended for all grilles used for air-supply where Volume Control is essential. Single-flap Dampers can be supplied, and grilles with Multi-blade Shutters are also made for Remote Control. Over 400 sizes available, giving maximum free areas of 80%.

air

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CRILLES

WITH OR WITHOUT MULTI-BLADE DAMPERS

WRITE FOR DESCRIPTIVE LEAFLET

PLANNAIR LIMITED

Windfield House, Epsom Road, Leatherhead, Surrey Telephone: Leatherhead 4091/2231.

NATURALLY resistant to damp



The Crested Grebe protects its floating nest against damp with a natural dampcourse. Nature too has given its feathers the protection they need for existence. Architects and Builders use these principles by specifying "Aqualite" the pure Bitumen Dampcourse that lasts as long as the structure.

BRIGGS AQUALITE

BITUMEN DAMPCOURSE

"Laid in a minute lasts as long as the wall !"

WILLIAM BRIGGS & SONS LTD. DUNDEE.

BRANCHES THROUGHOUT THE UNITED KINGDOM



Stelcon Bicycle Blocks are made of reinforced concrete, and are therefore resistant to corrosion in all weathers. The Blocks remain firmly in position on the ground under their own weight and when let into the surface of the park cause no obstruction when not in use. Full details sent on request.

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STELCON (INDUSTRIAL FLOORS) LTD. CLIFFORDS INN, LONDON, E.C.4. Tel. CHA. 9541

THE MOST ATTRACTIVE FLOORING EVER PRODUCED!



Here's POLYFLEX-POLYVINYL, the sensational plastic floor that can be laid on ANY surface. Ready mixed for laying it has a beautiful marbled veining that forms as you spread it! An automatic choice for every Kitchen, Bathroom or Hall and ideal for living rooms, offices and restaurants for it is

jointless and thoroughly hygienic. GUAR-ANTEED not to crack, Lift or Craze, POLYFLEX is impervious to grease and oils.

PLASTIC FLOORING COLOR C

IS GUARANTEED

Available in a range of glorious colours and marbled veinings.

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CRUDENS Rigid STEEL Building Frames FOR SPEEDY ERECTION AT LOW COST WITH MAXIMUM STORAGE SPACE

Supplied in a wide range of standard spans from 23' 4" to 60'. Y-units enable areas of any size to be roofed over

in multiple spans, and wall-framing can be supplied for use with light forms of cladding.

All ancillary works undertaken if required in Scotland.

Phone: Musselburgh 2244-6

Free Illustrated Brochure on request

CRUDENS LTD

MUSSELBURGH - SCOTLAND

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FIRE AUTOMATICALLY SEALED



CURFEW FIREPROOF DOORS

And protect against burglary with COLLAPSIBLE GATES, ROLLING DOORS & GRILLES

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Happy Landings . . . !

Some walls—like some people—invite rough treatment by virtue of their position. Some, likewise, get plastered and some do not. . . .

We have in mind particularly those landing, stairway and passage walls in schools, cinemas, flat and office blocks—which can look like 'the ruins that Cromwell knocked about a bit' within weeks of opening day.

For such walls we have developed TEXIDEC, for producing attractive relief or textured finishes that will stand up to even the roughest juvenile traffic. And where plastering is eliminated and a finish is required for wood-float rendering, TEXIDEC practically specifies itself.



We will gladly send you samples of the many decorative effects which TEXIDEC can give—used alone or incombination with others of the wide Duresco range.

APPOINTMENTS

Rate 16 per line, minimum 3/-

OFFICIAL ANNOUNCEMENTS

CONTRACTS TENDERS

Close for press 1st post Monday for following Thursday Issue

APPOINTMENTS

The engagement of persons answering these ad-ertisements must be made through the local office of the Ministry of Labour and National Service, etc., if the applicant is a man aged 18-64 or a soman aged 18-59 inclusive, unless he or she or the em-ployer is excepted from the provisions of The Notification of Vacancies Order, 1952.

OFFICE OF THE RECEIVER FOR THE METROPOLITAN POLICE DISTRICT.

DISTRICT.

A PPLICATIONS are invited for unestablished appointments as LEADING ARCHITECTURAL ASSISTANTS in the Architect and Surveyor's Department. The work is concerned with the design and construction of police dwellings and buildings and candidates will be required to work in the Westminster area.

Rates of pay: "—

Men; £665 × £20 — £755 × £25 — £780.

Women: £560 × £20 — £640 × £25 — £665.

The scales quoted are subject to an increase in approximately 3 per cent while a 453-hour week is being worked and also to the addition of a Pay Supplement of £25 or £30 per annum according to the point reached on the scale.

Conditioned hours, 44 per week.

Annual leave. 24 days.

Application forms from the Chief Architect, Architect and Surveyor's Department, New Scotland Yard, London, S.W. I, marking the envelope "Architectural Assistants."

MINISTRY OF WORKS

A RCHITECTURAL ASSISTANTS required for A drawing offices in London, Edinburgh and various provincial offices.

Candidates must have had at least three years' architectural training, some experience in an architect's office, and be of Intermediate R.I.B.A. standard. London salary £442 to £695 per annum. Rates elsewhere slightly less. Starting pay according to age and experience. Prospects of promotion and permanent of the property of the prope

BOROUGH OF WESTON-SUPER-MARE.

ASSISTANT ARCHITECT (PUBLIC BUI INGS) GRADE A.P.T. II, £560—£640.

APPLICATIONS are invited for the above appointment from architectural assistants who possess the Intermediate examination of the R.I.B.A. and have worked for a minimum period of one year in an Architect's office.

The appointment will be subject to the provisions of the Local Government Superannuation Acts, the terms of the National Scheme of Conditions of Service and to termination by one month's notice on either side. A medical examination will be necessary.

Applications stating age, qualifications, present and previous appointments with salaries, together with details of experience and the names of two persons to whom reference can be made, should reach the Borough Engineer and Surveyor, Town Hall, Weston-super-Mare, not later than Thursday, 24th February, 1955.

R. G. LICKFOLD

Town Hall, Weston-super-Mare, 31st January, 1955.

COLLEGE OF TECHNOLOGY, BIRMINGHAM.

DEPARTMENT OF BUILDING AND CIVIL ENGINEERING.

A PPLICATIONS are invited from suitably qualified persons for the post of Head of the above-mentioned Department.

The post will fall vacant on September 1st, 1955. Salary will be in accordance with the Burnham (Further Education) Scale for a Grade V Headship—E1.515 × £25—£1.665.

Further particulars and forms of application may be obtained from the Registrar, College of Technology, Suffolk Street, Birmingham, 1. Application forms should be returned not later than March 10th.

APPOINTMENTS-contd.

COUNTY BOROUGH OF WEST BROMWICH.

A PPLICATIONS are invited for the following

A PPLICATIONS are invited for the Roberts
appointments:—

(a) ARCHITECTURAL ASSISTANT, Grade
AP.T IV (6675—6825 per annum).
(b) ARCHITECTURAL ASSISTANT, Grade
A.P.T. II (£560—£640 per annum).
Commencing salary dependent on experience.
N.J.C. Conditions of Service. Housing accommodation for post (a) will be provided if necessary.
Applications, naming two referees to the undersigned by the 18th February, 1925.

Borough Engineer and Surveyor.

Town Hall, West Bromwich

West Bromwich. [8734]

ARCHITECTURAL Assistant required in Surveyor's Department of the Metropolitan Water Board. Applicants must have passed the Intermediate Examination of the Royal Institute of British Architects. Commencing salary will be in accordance with age and experience, but not exceeding £560 per annum. Applications stating candidate's age, present position, salary, etc., and giving full particulars of experience should be addressed to the Surveyor, New River Head, Rose-bery Avenue, E.C.I., endorsed "Architectural Assistant," to arrive not later than 28th February, 1955. Canvassing disqualifies and relationship to any member, officer or employee must be disclosed.

LONDON COUNTY COUNCIL ARCHITECT'S DEPARTMENT

VACANCIES for ARCHITECTS, Grade III (up to £892 10s), and ARCHITECTURAL ASSISTANTS (up to £739 10s) in Schools and Housing Divisions.

Particulars and application forms from Architect (AR/EK/A/3), County Hall, S.E.1. (1058.)

CITY OF LEEDS EDUCATION COMMITTEE.

LEEDS COLLEGE OF ART.

School of Architecture and Town Planning.

A PPLICATIONS are invited for the post of Studio Instructor and Lecturer for April, 1955, or as soon after as possible. Candidates should hold a degree or diploma of a recognised school of architecture and should have had professional experience. Previous teaching experience not essential. Qualification in Landscape Architecture an advantage.

tial. Quantication in Landscape advantage.

Salary—Burnham Technical Scale for Lecturers—

5965 × £25—£1,065.

Application forms and further particulars (stamped addressed envelope) from the Chief Education Officer, Education Department, Leeds, 1, to be returned by the 19th February.

[8736]

CITY OF BIRMINGHAM

CITY ARCHITECT'S DEPARTMENT

A PPLICATIONS are invited for appointments as Quantity Surveyors on Grades A.P.T. V. (£750/£900 per annum) and A.P.T. IV (£675/£900 per annum).

Candidates must be Associate Members of the Royal Institute of Chartered Surveyors (Quantity Section) or hold an equivalent qualification. The posts are permanent, superannuable, subject to a medical examination and to one month's notice on either side.

to a medical examination and to the hands of the on either side.

Applications, endorsed with the heading of the post, stating age, qualifications and experience, together with the names of two persons to whom reference can be made, should reach the undersigned not later than 19th February, 1955.

Canvassing disqualifies.

A. G. SHEPPARD FIDLER.

Civic Centre, Birmingham, 1. [8738]

I SLINGTON BOROUGH COUNCIL require a suitably qualified Chief Technical Assistant (Surveyor). Salary now A.P.T. IV. £675-£825, plus London weighting. The appointment is permanent and the nature of the work is that covered by the Maintenance Section of a Local Authority Housing Department. Candidates must have had experience in this type off work. Application forms and further particulars may be obtained from the Housing Estates Manager. 220/225, Upper Street. N.1. Closing date 21st February, 1955. [8731]

APPOINTMENTS-contd.

THURROCK URBAN DISTRICT COUNCIL. (a) ARCHITECTURAL ASSISTANT GRADE IV £675-£825 PER ANNUM.

(b) ARCHITECTURAL ASSISTANT GRADE II £560-£640 PER ANNUM.

APPLICATIONS are invited for the a appointments under the Architect to Council.

Appointment (a)

Council.
Appointment (a)
Candidates should be Associates of the Royal
Institute of British Architects and must be experienced in the design, preparation of drawings, specifications and supervision of various building and
architectural work undertaken by a Local Authority.
A Travelling Allowance in accordance with the
National Scales in payable in respect of an 8 h.p.
car.

National Scales is payable in respect of an 8 h.p. car.
Appointment (b)
Candidates should have passed the Intermediate Examination of the Royal Institute of British Architects. General Architectural experience is necessary and applicants must be capable of preparing working and detailed drawings of various types of Local Authority's building and architectural projects.
Housing accommodation if necessary will be provided for both successful candidates if they live more than 20 miles from Thurrock.
The appointments are subject to the provisions of the Local Government Superannuation Acts 1937 and 1953, and the successful applicants will be required to pass a medical examination.
Applications suitably endorsed, stating age, qualifications and experience, together with copies of three recent testimonials should reach the undersigned not later than Friday, February 25th, 1955.
Canvassing will disqualify, and applicants must disclose in writing any relationship to any Member or Senior Officer of the Council.

A. E. POOLE.
Clerk of the Council.

uncil.

A. E. POOLE,

Clerk of the Council

RICKMANSWORTH URBAN DISTRICT COUNCIL.

APPOINTMENT OF ARCHITECTURAL ASSISTANT.

APPLICATIONS are invited for the above permanent appointment in the Engineer and Surveyor's Department. Salary on new Grade II (1560-£640). Applicants must be experienced in the preparation of plans and specifications with particular reference to the design of council houses. Applicants must state whether they wish the Council to provide housing accommodation and any such request will be considered. Applications endorsed "Architectural Assistant," giving the names and addresses of two referees to be delivered to the undersigned not later than Wednesday, February 23rd, 1955.

C. G. RANSOME WILLIAMS, Clerk of the Council.

ouncil Offices, Rickmansworth, Herts, February 2nd, 1955.

COUNTY BOROUGH OF GRIMSBY.

BOROUGH ENGINEER & SURVEYOR'S DEPARTMENT.

APPOINTMENT OF JUNIOR PLANNING ASSISTANT.

APPLICATIONS are invited for the above appointment at a salary in accordance with miscellaneous Grade III (£420×£15 to £465×£20 to £485 per annum). Candidates should be neat and expeditious draughtsmen, preferably with experience in Town Planning Office routine and the presentation of surveys.

The appointment is on the permanent staff, subject to the conditions of service of the National Joint Council, terminable by one month's notice on either side, and to the provision of the Local Government side, and to the provision of the Local Government Superannuation Acts. The successful candidate will be required to pass a medical examination.

Applications, giving name, address, age, particu-

examination.

Applications, giving name, address, age, particulars of education and experience, together with copies of two recent testimonials, to be sent to the undersigned not later than first post on Monday, the 7th March, 1955.

Municipal Offices.
Town Hall Square,
Grimsby.
February, 1955.

APPOINTMENTS—contd.

ENGINEER AND SURVEYOR'S DEPARTMENT.

SENIOR QUANTITY SURVEYOR

A PPLICATIONS are invited for the above appointment at a salary in accordance with new Grade A.P.T. IV (£675-£825), commencing at £675 per annum.

Applicants must have passed the final R.I.C.S. (Quantities Section) examination and be thoroughly experienced in the preparation of Bills sid Quantities, adjustment of variations and settlement siffinal accounts. Previous experience of substantial contracts for local authority housing is desirable.

The provisions of the Local Government Superannustion Acts, 1937-1953, will apply to this appointment.

annuation Acts, 1937-1953, will apply to this appointment.
Housing accommodation will be made available to the successful candidate, if married.
Forms of application may be obtained from the undersigned, and completed forms must be received not later than 9 a.m. on Saturday, the 5th March, 1955.

G. B. BLACKALL.

G. B. BLACKALL, Clerk of the Council.

Council Offices, Corby, Northants. 2nd February, 1955.

[875]

BOROUGH OF TOTTENHAM

ARCHITECTURAL Assistant (Unestab.), Salary £500 to £580 or £560 to £640 plus London Weighting (A.P.T. Grades I and II). Applicants must have passed R.I.B.A. intermediate examination. Grading according to experience. N.J.C. conditions. Applications form and general conditions from Borough Engineer (AB), Town Hall, N.I.5, to whom application must be delivered not later than 24th February, 1955. [8742]

EDINBURGH COLLEGE OF ART

A PPLICATIONS are invited for the post of Senior Assistant in Building Construction in the School of Architecture. The Senior Assistant will supervise the training of all architectural students in this subject.

Salary scale: £940×£50-£1,190 per annum—commencing salary according to qualifications and

experience.

Forms of application and conditions of appointment can be obtained from the Secretary, Edinburgh College of Art, Edinburgh, 3, and should be returned to him not later than Friday, 25th February, 1955.

[8735]

AIR Ministry Works Designs Branch requires in London and Provinces (with liability for overseas service) Architectural Assistants, experings and decials for permanent and send-ferromanent buildings, solaries up to £810 p.a. for men and £690 for women, starting pay dependent upon age, qualifications and experiences, extra duplilowance or overtime payable; posts non-pensionable with long term possibilities; natural born British subjects only.—Write stating age, qualifications, employment details including type of work done to Ministry of Labour, 236, Walworth Rd., London, S.E.17, quoting Order 81/AB. [8744]

SINGAPORE IMPROVEMENT TRUST

A SSISTANT Architect required on contract for three years. Qualification—A.R.I.B.A. Commencing salary £2.100, £2,170 or £2.240 ger annum for Architects with 5, 6 and 7 years' experience after qualifying respectively. Annual increment £70 p.a. A motor vehicle allowance payable according to duty mileage. No other allowances payable according to duty mileage.

According payable.

Quarters, with heavy furniture, provided, if available at public rental. Paid passages. Medical examination.

Leave: Fourteen days annually. On completion of contract one month for each completed year of

service. Applications in duplicate, giving full particulars with copies of three recent testimonials also in duplicate, to Messrs. Allen & Williams, 1, Victoria Street, London, S.W.1, before Tuesday, 1st March, 1955.

URBAN DISTRICT OF FELTHAM.

TEMPORARY Architectural Assistant required. Salary within the new Grade A.P.T. IV (£675 x £30—£825 per annum) plus London weighting." Applicants must be suitably quali-

"weighting." Application, obtainable from the under-fied.

Forms of application, obtainable from the under-signed, must be returned, accompanied by copies of two testimonials, not later than February 25th, 1955. Canvassing directly or indirectly will dis-quality and applicants must disclose, in writing, whether to their knowledge they are related to any member of or the helder is any senior office under the Council.

M. W. COUPE.

M. W. COUPE, Clerk of the Council.

Council Offices, Feltham, Middlesex.

18746

APPOINTMENTS-contd.

URBAN DISTRICT COUNCIL OF CORBY. GOVERNMENT OF NORTHERN NIGERIA. ARCHITECTS—PUBLIC WORKS DEPARTMENT.

DUTIES include the preparation of sketch plans, working drawings and detailed specifications for various types of buildings and the carrying out of the general work of a very busy Architectural

Office.

Appointments are on contract for one tour of 18-24 months, with prospect of transfer to the 18-24 months, with prospect of transfer to the contract of the salary scale £895-£1,719 per annum; plus a gratuity of £100-£150 per annum on satisfactory completion of contract.

Free first class passages are granted for the officer and his wife and assistance up to £75 each for a maximum of two children is granted in respect of their passages or maintenance in the United Kingdom. Government quarters, if available, are provided at a rental of 10% of basic salary. Leave is granted at rate of seven days for each month of resident service in a tour of 18-24 months.

Candidates should be A.R.I.B.A. with wide

Candidates should be A.K.I.B.A. will wise general experience.

Apply in writing to the Director of Recruitment Colonial Office, Great Smith Street, London, S.W.1, giving briefly age, qualifications and experience and quoting reference number BCD112/408/07.

[8752]

METROPOLITAN BOROUGH OF LEWISHAM.

A PPLICATIONS are invited from suitably qualified candidates for the posts of (a) Principal Assistant Architect—Salary scale £900-£1,100 p.a. (A.P.T. VII) and (b) Senior Assistant Architect—Salary Scale £750-£900 p.a. (A.P.T. VI) These scales are subject to an additional payment in respect of London "weighting" varying between £10-£30 p.a. according to age.
Further particulars and forms of application from the Town Clerk, Lewisham Town Hall, London, S.E.6. Closing date February 26th, 1955. [8745]

CONTRACTS

BOROUGH OF LEWES.

ERECTION OF HOUSES, FLATS AND MAISONETTES.

TENDERS are invited for the erection of 1 block of 20 maisonettes and 4 flats, 1 block of 8 maisonettes and 4 flats, and 14 houses in 3 blocks on the De Montfort Estate.

Bills of Quantities and Forms of Tender are in course of preparation, and Contractors desirous of tendering should submit their names and addresses to the Borough Surveyor, Mr. C. T. Butler, M.I., Mun. E., L.R.I.B.A., not later than the 1st March, 1955.

tendensis to the Borough Surveyor, Sec. 10 to the Surveyor Surveyo

EDUCATIONAL

FORTHCOMING EXAMINATIONS.

AMENDED NOTICE.

THE Incorporated Association of Architects and Surveyors will hold the following examinations during the week beginning June 6th, 1955. Architects' Section: Intermediate grade. Final grade (Parts I and II). Direct Final grade. Final grade (Parts I and II). Direct Final grade. Building Surveyors' Section (Including Municipal): Intermediate grade. Final grade (Parts I and II). Direct Final grade. Land Surveyors' Section: Intermediate grade. Final grade. Direct Final grade. Final grade. Direct Final grade. Final grade. Direct Final grade. The Surveyors' Section: Direct Associate grade (Parts I and II).

The examinations will be held in London, and at selected provincial centres. Applications from candidates for permission to sit, made on the prescribed form, must be received not later than Monday, March 14th, 1955.

Full information on application to the General Secretary, I.A.A.S., 75, Eaton Place, London, S.W.1. [8598

MISCELLANEOUS SECTION

RATE: 1/6d. per line, minimum 3/-, average line 6 words. Each paragraph charged separately.

BOX NOS. add 2 words plus I/- for registration and forwarding replies which should be addressed c/o. "The Architect & be addressed c/o, "The Architect & Building News," Dorset House, Stamford Street, London, S.E.I. PRESS DAY Monday. Remittances payable to liffe & Sons Ltd., Dorset House, Stamford Street, London, S.E.I.

No responsibility accepted for errors.

ARCHITECTURAL APPOINT-MENTS VACANT

The engagement of persons answering these advertisements must be made through the local office of the Ministry of Labour and National Service, etc. if the applicant is a man aged 18-69 or a woman aged 18-59 inclusive, unless he or she or the employer is excepted from the provisions of The Notification of Vacancies Order, 1952.

ARCHITECT

Applications invited from Qualified Architects for this position in the Association's Works Department to work under the direction of the Works Manager; must be able to prepare working drawings and details of shops, factories, offices, etc., a knowledge of shop fittings an advantage; minimum salary £750 per annum.—Applications giving details of experience, age, etc., to General Manager, St. Cuthbert's Co-operative Assocn., Ltd., 92, Fountainbridge, Edinburgh, 3, not later than February 26th, 1955, in envelope marked "Architect." [8761]

A SSISTANT, Inter. standard, immediately.

A Musman & Cousens, 12, Upper Berkeley St.,
[8693]

ARCHITECTS assistant with office experience required in leading Birmingham office, with varied work and pensions scheme, etc.; state age and salary.—Box 1734, c/o A. & B.N. [8743] SENIOR and Intermediate Architectural Assistants required, 5-day week.—Write or telephone, giving full particulars, including age and salary, to Hasker & Hall, Architects, 13, Welbeck St., W.1. (Welbeck 0661.)

CLIFFORD CULPIN & Partner require keen assistant, salary approx. £700; also enthusiastic funior with some office experience, £6 to £8; work includes schools, flats and housing.—3, Southampton Place, W.C.1. Chancery 5395. [8758 ONDON architects and surveyors require keen able man to take charge of architectural department; prospects of partnership for right man.

Reply, stating age, qualifications, experience and alary required, to Box 1391, c/o A. & B.N.

REQUIRED urgently, keen, qualified architectural assistant, 25 or over, capable of preparing sketch schemes and working drawings for large important project in the Midlands; possibilities of advancement for the right man.—Write to J. Douglass Mathews & Partners, 3, Ebury St., S.W.1, stating present salary.

[8760]

SENIOR and Junior Assistants required in busy Architects Office on country-wide work of all types. Applicants for Senior posts should be Associates of the R.I.B.A. or qualified. Applicants for Junior posts should be at or near intermediate standard.—Apply J. G. L. Poulson, L.R.I.B.A., 29, Ropergate, Pontefract. [8714]

ARCHITECT for Mecca, Ltd., well-known Caterers and Dance Hall Proprietors, permanent and interesting appointment for young, fully qualified man with this progressive company.—Write to DHD, Mecca, Ltd., 76, Southwark Street, S.E.I, stating age, experience and present salary, Send photograph. [8755]

Send photograph. [8755]
SENIOR ARCHITECTURAL ASSISTANT required for Plymouth Office of Louis de
Soissons, Peacock, Hodges, Robertson and Fraser,
Must be A.R.L.B.A. and should have had 3—4
years' office experience since qualifying. Applications, giving age, details of training and experience,
and present salary, should be sent to 5, Portland
Square, Plymouth. [8739]

BOALC. require an Architectural Assistant in the Civil Engineer's Office, Headquarters Building, London Airport. Salary scale £760 p.a. to 5912 10s p.a. Preference given to candidates between 28 and 45 years with following qualifications:

tions:—
Associate R.I.B.A.
Associate in design of industrial building, offices, canteens, offices, canteens, and sketch planning.

Offices, canteens.

Competence in rapid sketch planning.

Experience of overseas work.

The post will be temporary for about two years, and may involve short tours abroad.—Write Staff Manager, H.O., Airways House, Brentford, Middx., stating age, qualifications, experience.

[8749]

ARCHITECTURAL APPOINT-MENTS VACANT—contd.

REQUIRED urgently in London, keen junior architectural assistant with initiative and ability to prepare sketch schemes, working drawings and details for large industrial project in Midlands. Excellent opportunity for young man seeking experience and promotion. Write, stating present salary, to J. Douglass Mathews and Partners, 3, Ebury Street, S.W.1.

Ebury Street, S.W.1. [8740]

COVENTRY Corporation require 4 principal assistant architects (salary £1,307 10s×£52 10s £1,517 10s) to serve in department of newly appointment City Architect (Mr. A. G. Ling, B.A., A.R.I.B.A., M.T.P.I.); housing accommodation may be available in approved circumstances.—Details of duties and application form from City Architectural & Planning Department, Bull Yard, Coventry, returnable by February 28th. [8757]

SITUATIONS VACANT

The engagement of persons answering these advertisements must be made through the local office of the Ministry of Labour and National Service, etc., if the applicant is a man aged 18-54 or a tooman aged 18-50 inclustre, unless he or ahe or the employer is excepted from the provisions of The Noutheatton of Vacancies Order, 1952.

A SSISTANT required, Final Standard.—Write, A stating age, salary required and experience, to G. H. N. Inman & H. A. J. Darlow, F/A.R.I.B.A., The Charterhouse, E.C.1.

A SSISTANT required in busy practice in West End, in early '20s, about Intermediate R.I.B.A. standard; excellent opportunities of gaining all-round experience.—Box 0672, c/o A. & B.N.

SITUATIONS VACANT-contd.

BUILDING DRAUGHTSMEN.

AN OLD-ESTABLISHED AND LEADING COMPANY HAS VACANCIES FOR SENIOR DRAUGHTSMEN IN THEIR STRUCTURAL SYSTEMS DEPARTMENT. EXPERIENCE IN ROOFING WORK WOULD BE AN ASSET. SALARY, DEPENDENT UPON QUALIFICATIONS, WILL BE BETWEEN £550 AND £700 PER ANNUM. A STAFF PENSION SCHEME IS OPERATED. REPLY, GIVING FULL DETAILS OF EXPERIENCE AND QUALIFICATIONS TO BOX 1709, C/O A. & B. N.

A SSISTANCE required in connection with speculative development schemes in London for shops, offices and factories; duties site inspection, estimating building cost, supervision work in progress; state experience, age, qualifications and salary to—Box 1761, c/o A. & B.N. [8759]

FOR SALE

JOINTLESS composition flooring in attractive colour range—quotations free.—Full particulars from the Liotex Asbestos Flooring Co., Ltd., 3, Corbetts Passage, London, S.E.16 (Dept. A), Bermondsey 4341-2-3.

ALL hardwood mouldings, plain and embossed, embossed ornaments and dowels; send for catalogue and to-day's lowest trade prices.—Dareve's Moulding Mills, Ltd., 60, Pownall Road, Daiston, E.S. Clissold 1543/4.

WANTED

WANTED to purchase, established architectural practice within 50 miles Bath or London,—Box 1558, c/o A. & B.N. [8719

PARTNERSHIP

PINANCIAL assistance may be provided in approved cases for the purchase of a partner-ship in established architects' practice, with insurance endowment.—Chase Agencies, Ltd., 325, Chase Road, N.14. Pal. 4467/8.

DRIVES AND ROADS

DRIVES, Forecourts, Roads, etc., resurfacing or new construction by Specialists. Tarmacadam, Tar-spraying, Chippings, Shingle, etc. Estimates free.—Stanley Lucas (Slough), Ltd., Alexandra Rd., Slough 21279.

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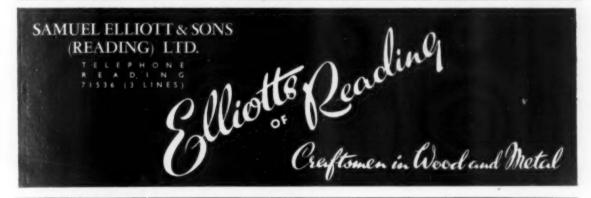
Please write for Proposal Form to

E. J. SAXBY, Incorporated Insurance Broker,

37a, Carfax, Horsham, Sussex. Tel. 990.

MISCELLANEOUS

REINFORCEMENT designer suppliers having about 200 tons of reinforcing steel surplus to immediate requirements seeks use for this material; interested in any proposition involving their designing and supplying.—Write Box 1733, c/o A. & B.N.





Brysal Woven Floor Fabric

For hard wear and economy. Many colours; various widths. In use in schools, hespitals, offices and homes.

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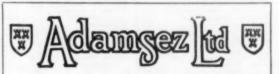
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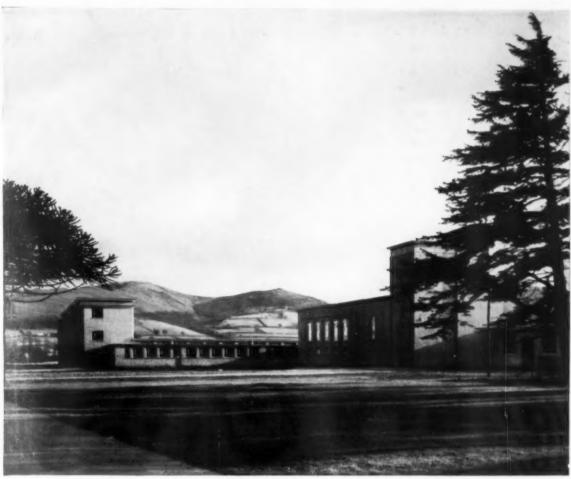
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